

L Number	Hits	Search Text	DB	Time stamp
1	217	(549/29).CCLS.	USPAT; US-PGPUB; EPO; JPO	2003/03/09 15:46
2	290	(549/49).CCLS.	USPAT; US-PGPUB; EPO; JPO	2003/03/09 15:47
3	265	(549/429).CCLS.	USPAT; US-PGPUB; EPO; JPO	2003/03/09 16:31
4	394	(549/462).CCLS.	USPAT; US-PGPUB; EPO; JPO	2003/03/09 15:47
5	729	(514/438).CCLS.	USPAT; US-PGPUB; EPO; JPO	2003/03/09 16:32
6	756	(514/443).CCLS.	USPAT; US-PGPUB; EPO; JPO	2003/03/09 16:33
7	608	(514/461).CCLS.	USPAT; US-PGPUB; EPO; JPO	2003/03/09 16:33
8	359	(514/464).CCLS.	USPAT; US-PGPUB; EPO; JPO	2003/03/09 16:33

V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	26	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	27	Oct 21	EVENTLINE has been reloaded
NEWS	28	Oct 24	BEILSTEIN adds new search fields
NEWS	29	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS	31	Nov 18	DKILIT has been renamed APOLLIT
NEWS	32	Nov 25	More calculated properties added to REGISTRY
NEWS	33	Dec 02	TIBKAT will be removed from STN
NEWS	34	Dec 04	CSA files on STN
NEWS	35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	36	Dec 17	TOXCENTER enhanced with additional content
NEWS	37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	38	Dec 30	ISMEC no longer available
NEWS	39	Jan 13	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS	40	Jan 21	NUTRACEUT offering one free connect hour in February 2003
NEWS	41	Jan 21	PHARMAML offering one free connect hour in February 2003
NEWS	42	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	43	Feb 13	CANCERLIT is no longer being updated
NEWS	44	Feb 24	METADDEX enhancements

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NEWS 45 Feb 24 PCTGEN now available on STN
NEWS 46 Feb 24 TEMA now available on STN
NEWS 47 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 48 Feb 26 PCTFULL now contains images
NEWS 49 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:30:09 ON 09 MAR 2003

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 14:30:16 ON 09 MAR 2003
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STRUCTURE FILE UPDATES: 7 MAR 2003 HIGHEST RN 497212-14-3
DICTIONARY FILE UPDATES: 7 MAR 2003 HIGHEST RN 497212-14-3

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

09/817,374

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ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\STNEXP4\QUERIES\09817174.str

L1 STRUCTURE UPLOADED

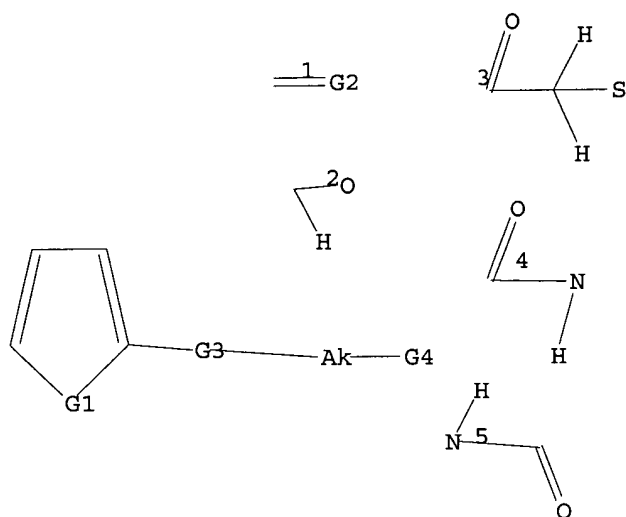
=> que L1

L2 QUE L1

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 O, S

G2 C, O, N

G3 [@1], [@2]

G4 [@3], [@4], [@5]

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam
SAMPLE SEARCH INITIATED 14:30:42 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 36959 TO ITERATE

2.7% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: 727736 TO 750624
PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L1

09/817,374

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=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.40

0.61

STN INTERNATIONAL LOGOFF AT 14:30:55 ON 09 MAR 2003

V. Balasubramanian

Welcome to STN International! Enter x:x

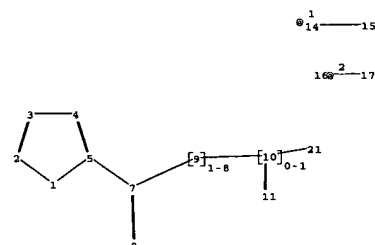
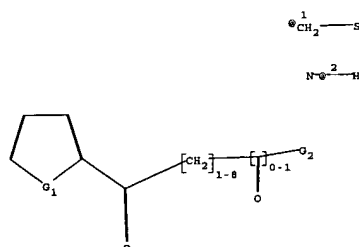
LOGINID:sssptal611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
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NEWS	33	Dec 02	TIBKAT will be removed from STN
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NEWS	40	Jan 21	NUTRACEUT offering one free connect hour in February 2003
NEWS	41	Jan 21	PHARMAML offering one free connect hour in February 2003
NEWS	42	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC



chain nodes :

7 8 9 10 11 14 15 16 17 21

ring nodes :

1 2 3 4 5

chain bonds :

5-7 7-8 7-9 9-10 10-11 10-21 14-15 16-17

ring bonds :

1-2 1-5 2-3 3-4 4-5

exact/norm bonds :

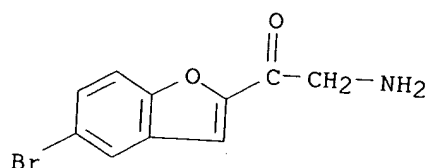
1-2 1-5 2-3 3-4 4-5 5-7 7-8 7-9 9-10 10-11 10-21 14-15 16-17

G1:O,S

G2:[*1],[*2]

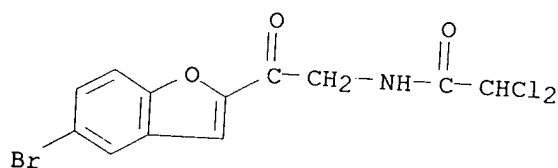
Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS
 14:CLASS 15:CLASS 16:CLASS 17:CLASS 21:CLASS

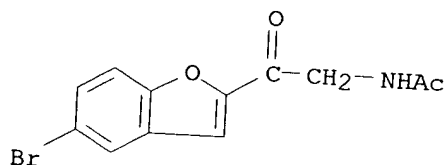


● HCl

IT **82255-79-6P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. and reaction of, with formaldehyde)
 RN 82255-79-6 CAPLUS
 CN Acetamide, N-[2-(5-bromo-2-benzofuranyl)-2-oxoethyl]-2,2-dichloro- (9CI)
 (CA INDEX NAME)



IT **82255-78-5P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 82255-78-5 CAPLUS
 CN Acetamide, N-[2-(5-bromo-2-benzofuranyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 289 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1982:34633 CAPLUS
 DN 96:34633
 TI An economical and convenient preparation of 2-(phenylthio)cyclobutanone, a synthetic equivalent of cyclobutanone
 AU Cohen, Theodore; Ouellette, Daniel; Pushpananda, K.; Senaratne, A.; Yu, Lin-Chen
 CS Dep. Chem., Univ. Pittsburgh, Pittsburgh, PA, 15260, USA
 SO Tetrahedron Letters (1981), 22(35), 3377-80
 DT CODEN: TELEAY; ISSN: 0040-4039
 Journal

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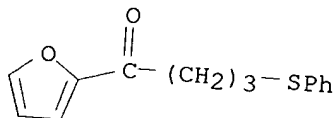
LA English

IT 80404-79-1P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, by rearrangement of furyl(phenylthio)cyclobutenol)

RN 80404-79-1 CAPLUS

CN 1-Butanone, 1-(2-furanyl)-4-(phenylthio)- (9CI) (CA INDEX NAME)



L5 ANSWER 290 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1982:6738 CAPLUS
DN 96:6738
TI Tetrazole derivatives and antiulcer composition containing them
IN Uchida, Minoru; Nishi, Takao; Nakagawa, Kazuyuku
PA Otsuka Pharmaceutical Co., Ltd., Japan
SO Eur. Pat. Appl., 262 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 35228	A1	19810909		
	EP 35228	B1	19850102	EP 1981-101352	19810225
	R: AT, BE, CH, DE, FR, GB, IT, NL, SE				
	AU 533411	B2	19831124		
	AU 8055895	A1	19810903	AU 1980-55895	19800226
	JP 56122363	A2	19810925		
	JP 01023464	B4	19890502	JP 1980-25521	19800229
	CA 1160637	A1	19840117		
	JP 56122364	A2	19810925	CA 1980-346746	19800229
	JP 01022270	B4	19890425	JP 1980-25707	19800301
	JP 56122365	A2	19810925		
	JP 01028022	B4	19890531	JP 1980-25708	19800301
	JP 56122366	A2	19810925		
	JP 01022271	B4	19890425	JP 1980-27084	19800303
	JP 57050968	A2	19820325		
	JP 02048551	B4	19901025	JP 1980-128160	19800916
	JP 57059877	A2	19820410		
	JP 02003786	B4	19900124	JP 1980-136902	19800930
	JP 57064682	A2	19820419		
	JP 01056069	B4	19891128	JP 1980-140051	19801006
	ZA 8100961	A	19820331		
	ZA 8101178	A	19820331	ZA 1981-961	19810213
	FI 8100571	A	19810830	ZA 1981-1178	19810223
	FI 73423	B	19870630	FI 1981-571	19810224
	FI 73423	C	19871009		
	AU 8167638	A1	19810903		
	AU 537266	B2	19840614	AU 1981-67638	19810225
	AT 11047	E	19850115		
	DK 8100880	A	19810830	AT 1981-101352	19810225
				DK 1981-880	19810226

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NEWS 43 Feb 13 CANCERLIT is no longer being updated
NEWS 44 Feb 24 METADEX enhancements
NEWS 45 Feb 24 PCTGEN now available on STN
NEWS 46 Feb 24 TEMA now available on STN
NEWS 47 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 48 Feb 26 PCTFULL now contains images
NEWS 49 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 17:11:27 ON 09 MAR 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 17:11:40 ON 09 MAR 2003

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STRUCTURE FILE UPDATES: 7 MAR 2003 HIGHEST RN 497212-14-3

DICTIONARY FILE UPDATES: 7 MAR 2003 HIGHEST RN 497212-14-3

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties

09/817,374

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in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\098173742.str

L1 STRUCTURE UPLOADED

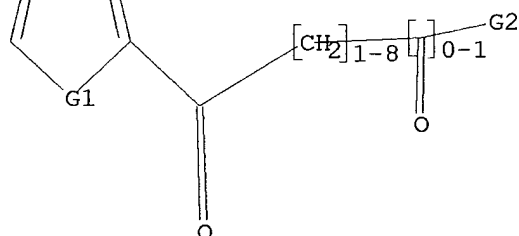
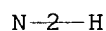
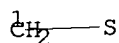
=> que L1

L2 QUE L1

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 O,S

G2 [01],[02]

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 17:12:05 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 7267 TO ITERATE

13.8% PROCESSED 1000 ITERATIONS

2 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 140233 TO 150447

09/817,374

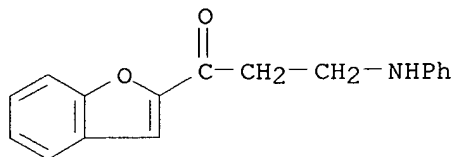
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PROJECTED ANSWERS: 62 TO 518

L3 2 SEA SSS SAM L1

=> d scan

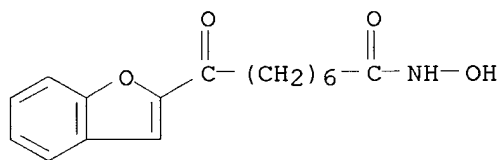
L3 2 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 1-Propanone, 1-(2-benzofuranyl)-3-(phenylamino)- (9CI)
MF C17 H15 N O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L3 2 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 2-Benzofuranooctanamide, N-hydroxy-.eta.-oxo- (9CI)
MF C16 H19 N O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> s l1 sss ful
FULL SEARCH INITIATED 17:12:44 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 145835 TO ITERATE

100.0% PROCESSED 145835 ITERATIONS
SEARCH TIME: 00.00.01

533 ANSWERS

L4 533 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

09/817,374

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	ENTRY	SESSION
FULL ESTIMATED COST	148.55	148.76

FILE 'CAPLUS' ENTERED AT 17:12:51 ON 09 MAR 2003
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FILE COVERS 1907 - 9 Mar 2003 VOL 138 ISS 11
FILE LAST UPDATED: 7 Mar 2003 (20030307/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 14

L5 409 L4

=> d 15 1-409 bib hitstr

L5 ANSWER 1 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2003:58051 CAPLUS
DN 138:136938
TI Preparation of N-(3-amino-2-hydroxy-propyl) substituted alkanamides as inhibitors of the beta secretase enzyme for treating Alzheimer's disease
IN Gailunas, Andrea; Hom, Roy; John, Varghese; Maillard, Michel; Chrusciel, Robert Alan; Fisher, Jed; Jacobs, Jon; Freskos, John N.; Brown, David L.; Fobian, Yvette M.
PA Elan Pharmaceuticals, Inc., USA; Pharmacia & Upjohn Company
SO PCT Int. Appl., 205 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003006423	A1	20030123	WO 2002-US22255	20020711
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,				

09/817,374

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NE, SN, TD, TG

PRAI US 2001-304525P P 20010711
US 2001-308756P P 20010730
US 2001-341341P P 20011217
US 2001-341416P P 20011217
US 2001-344872P P 20011221
US 2001-380574P P 20011221

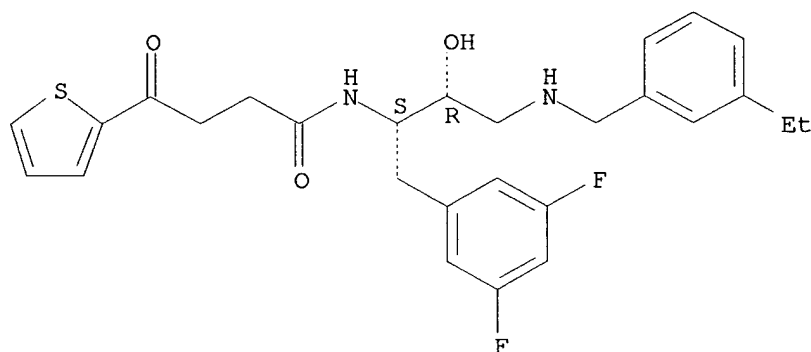
OS MARPAT 138:136938

IT **488845-88-1P 488845-93-8P 488846-10-2P**
488846-33-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
(prepn. of N-(3-amino-2-hydroxy-propyl) substituted alkanamides as
inhibitors of the beta secretase enzyme for treating Alzheimer's
disease)

RN 488845-88-1 CAPLUS

CN 2-Thiophenebutanamide, N-[(1S,2R)-1-[(3,5-difluorophenyl)methyl]-3-[[3-ethylphenyl)methyl]amino]-2-hydroxypropyl]-.gamma.-oxo- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

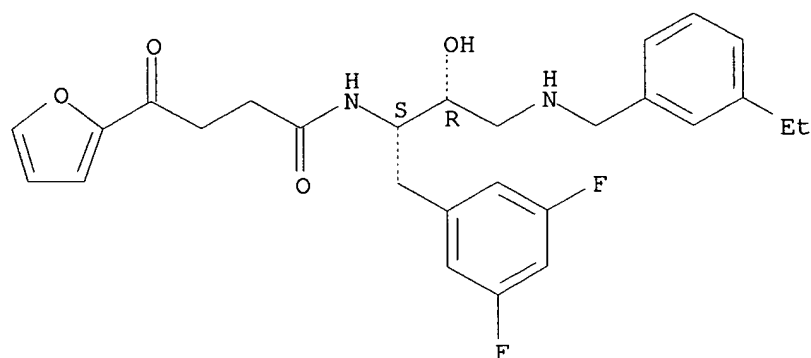


RN 488845-93-8 CAPLUS

CN 2-Furanbutanamide, N-[(1S,2R)-1-[(3,5-difluorophenyl)methyl]-3-[[3-ethylphenyl)methyl]amino]-2-hydroxypropyl]-.gamma.-oxo- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

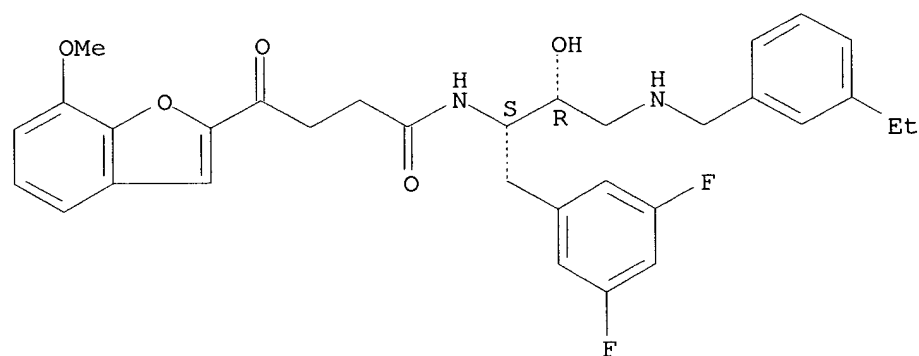
V. Balasubramanian



RN 488846-10-2 CAPLUS

CN 2-Benzofuranbutanamide, N-[(1S,2R)-1-[(3,5-difluorophenyl)methyl]-3-[[3-(3-ethylphenyl)methyl]amino]-2-hydroxypropyl]-7-methoxy-.gamma.-oxo- (9CI)
(CA INDEX NAME)

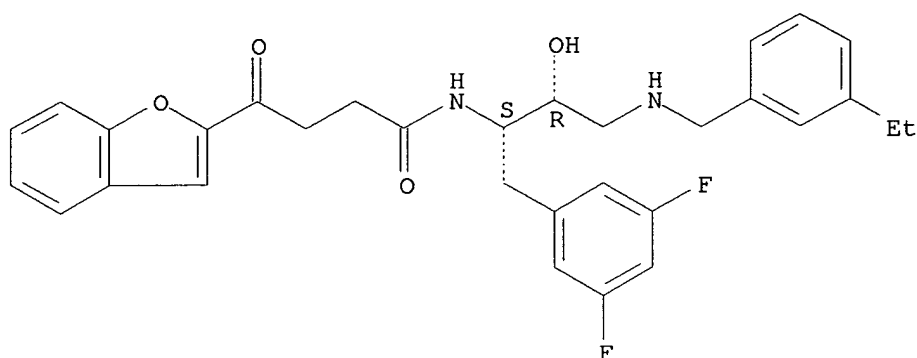
Absolute stereochemistry.



RN 488846-33-9 CAPLUS

CN 2-Benzofuranbutanamide, N-[(1S,2R)-1-[(3,5-difluorophenyl)methyl]-3-[[3-(3-ethylphenyl)methyl]amino]-2-hydroxypropyl]-.gamma.-oxo- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2003:42279 CAPLUS
DN 138:106680
TI Process for the preparation of tetrahydrothieno[3,2-c]pyridine derivatives, particularly ticlopidine and clopidogrel, via novel intermediates
IN Horne, Stephen E.; Weeratunga, Gamini; Comanita, Bogdan M.; Nagireddy, Jaipal Reddy; McConachie, Laura Kaye
PA Brantford Chemicals Inc., Can.
SO PCT Int. Appl., 28 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003004502	A1	20030116	WO 2002-CA1017	20020705
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRAI CA 2001-2352520 A 20010706

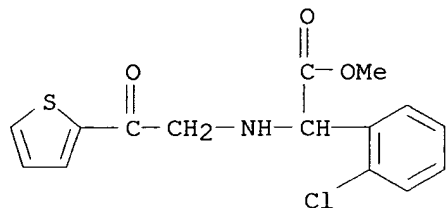
OS CASREACT 138:106680; MARPAT 138:106680

IT **478083-86-2P**, (.+-.)-Methyl N-[2-(2-thienyl)-2-oxoethyl]-2-(o-chlorophenyl)glycinate **478083-89-5P**, Methyl N-[2-(2-thienyl)-2-oxoethyl]-(2S)-2-(o-chlorophenyl)glycinate **478084-01-4P**, Methyl N-[2-(2-thienyl)-2-oxoethyl]-(2R)-2-(o-chlorophenyl)glycinate
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(process intermediate; prepn. of tetrahydrothienopyridine derivs., particularly ticlopidine and clopidogrel, via novel intermediates)

RN 478083-86-2 CAPLUS

V. Balasubramanian

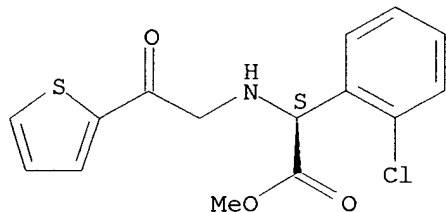
CN Benzeneacetic acid, 2-chloro-.alpha.-[[2-oxo-2-(2-thienyl)ethyl]amino]-, methyl ester (9CI) (CA INDEX NAME)



RN 478083-89-5 CAPLUS

CN Benzeneacetic acid, 2-chloro-.alpha.-[[2-oxo-2-(2-thienyl)ethyl]amino]-, methyl ester, (.alpha.S)- (9CI) (CA INDEX NAME)

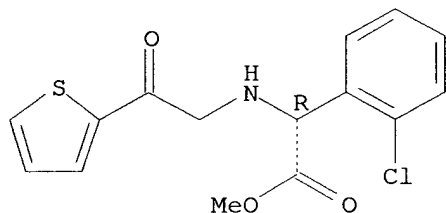
Absolute stereochemistry.



RN 478084-01-4 CAPLUS

CN Benzeneacetic acid, 2-chloro-.alpha.-[[2-oxo-2-(2-thienyl)ethyl]amino]-, methyl ester, (.alpha.R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2002:964323 CAPLUS

DN 138:39285

TI Preparation of 3,5-diaryl-1,2,4-oxadiazoles and analogs as activators of caspases and inducers of apoptosis.

IN Cai, Sui Xiong; Zhang, Han-Zhong; Drewe, John A.; Reddy, P. Sanjeeva; Kasibhatla, Shailaja; Kuemmerle, Jared Daniel; Ollis, Kristin P.

PA Cytovia, Inc., USA

SO PCT Int. Appl., 147 pp.

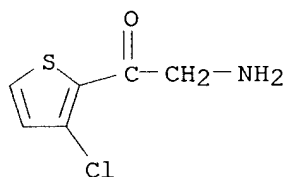
CODEN: PIXXD2

09/817,374

V. Balasubramanian

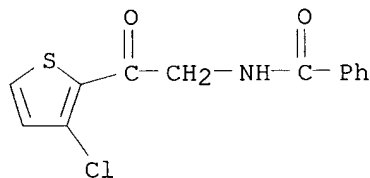
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002100826	A2	20021219	WO 2002-US17892	20020610
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003045546	A1	20030306	US 2002-164705	20020610
PRAI	US 2001-296479P	P	20010608		
OS	MARPAT 138:39285				
IT	349494-97-9				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(prepn. of 3,5-diaryl-1,2,4-oxadiazoles and analogs as activators of caspases and inducers of apoptosis)				
RN	349494-97-9	CAPLUS			
CN	Ethanone, 2-amino-1-(3-chloro-2-thienyl)-, hydrochloride (9CI)	(CA INDEX NAME)			



● HCl

IT **478489-85-9P 478489-86-0P 478489-87-1P**
478489-88-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of 3,5-diaryl-1,2,4-oxadiazoles and analogs as activators of caspases and inducers of apoptosis)
RN 478489-85-9 CAPLUS
CN Benzamide, N-[2-(3-chloro-2-thienyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

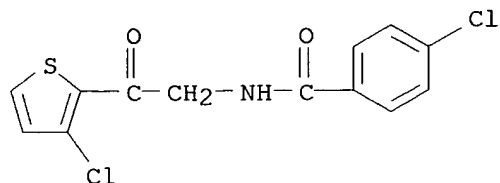


RN 478489-86-0 CAPLUS

09/817,374

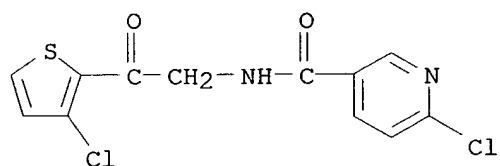
V. Balasubramanian

CN Benzamide, 4-chloro-N-[2-(3-chloro-2-thienyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)



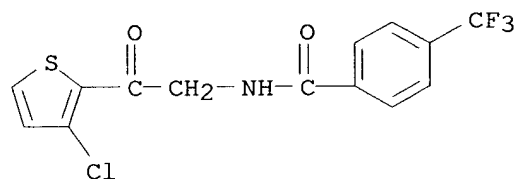
RN 478489-87-1 CAPLUS

CN 3-Pyridinecarboxamide, 6-chloro-N-[2-(3-chloro-2-thienyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)



RN 478489-88-2 CAPLUS

CN Benzamide, N-[2-(3-chloro-2-thienyl)-2-oxoethyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 4 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2002:964190 CAPLUS

DN 138:39272

TI Preparation of 3-(oxazolylalkoxyphenyl)propionic acids and analogs as modulators of peroxisome proliferator activated receptors for treatment of diabetes and related conditions

IN Gossett, Lynn Stacy; Green, Jonathan Edward; Henry, James Robert; Jones, Winton Dennis, Jr.; Matthews, Donald Paul; Shen, Quan Rong; Smith, Daryl Lynn; Vance, Jennifer Ann; Warshawsky, Alan M.

PA Eli Lilly and Company, USA

SO PCT Int. Appl., 438 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002100403	A1	20021219	WO 2002-US15143	20020524

W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,

V. Balasubramanian

CN, CO, CR, CU, CZ, CZ, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI,
FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP,
KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX,
MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM,
AZ, BY, KG, KZ

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI US 2001-296701P P 20010607

OS MARPAT 138:39272

IT **478536-61-7P**, 3-[2-[[[4-(2-Thienyl)-4-oxobutanoyl]amino]methyl]-4-
[2-(5-methyl-2-phenyloxazol-4-yl)ethoxy]phenyl]propionic acid

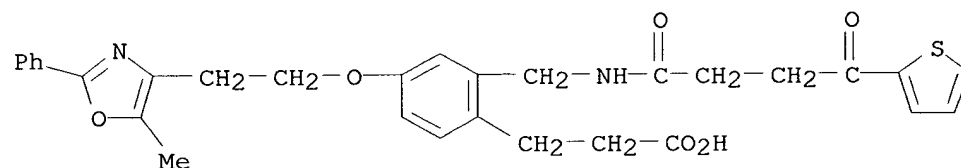
478540-76-0P, 3-[3-[[[4-Oxo-4-(2-thienyl)butanoyl]amino]methyl]-
4-[2-(5-methyl-2-phenyloxazol-4-yl)ethoxy]phenyl]propionic acid

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(PPAR modulator; prepn. of (oxazolylalkoxyphenyl)propionic acid and
analogs as PPAR modulators for treatment of diabetes and related
conditions)

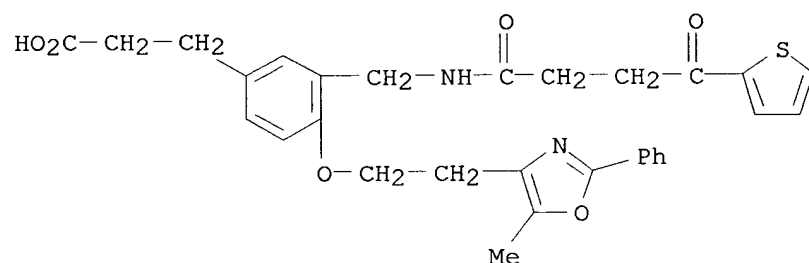
RN 478536-61-7 CAPLUS

CN Benzenepropanoic acid, 2-[[[1,4-dioxo-4-(2-thienyl)butyl]amino]methyl]-4-
[2-(5-methyl-2-phenyl-4-oxazolyl)ethoxy]- (9CI) (CA INDEX NAME)



RN 478540-76-0 CAPLUS

CN Benzenepropanoic acid, 3-[[[1,4-dioxo-4-(2-thienyl)butyl]amino]methyl]-4-
[2-(5-methyl-2-phenyl-4-oxazolyl)ethoxy]- (9CI) (CA INDEX NAME)



RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2002:960676 CAPLUS

DN 138:24949

TI Process for the preparation of tetrahydrothieno[3,2-c]pyridine derivatives

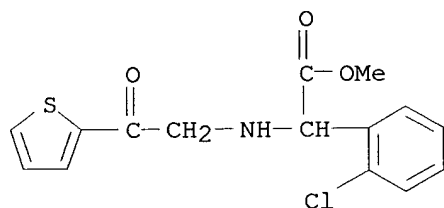
IN Horne, Stephen E.; Weeratunga, Gamini; Comanita, Bogdan M.; Nagireddy,

09/817,374

V. Balasubramanian

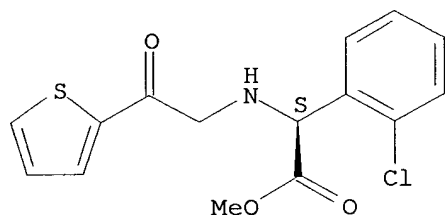
Jaipal Reddy; McConachie, Laura Kaye
PA Brantford Chemicals Inc., Can.
SO U.S., 10 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6495691	B1	20021217	US 2001-902165	20010711
PRAI	US 2001-902165		20010711		
OS	CASREACT 138:24949; MARPAT 138:24949				
IT	478083-86-2P 478083-89-5P 478084-01-4P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (prepn. of (tetrahydrothienopyridyl)(chlorophenyl)acetate)				
RN	478083-86-2	CAPLUS			
CN	Benzeneacetic acid, 2-chloro-.alpha.-[[2-oxo-2-(2-thienyl)ethyl]amino]-, methyl ester (9CI) (CA INDEX NAME)				



RN 478083-89-5 CAPLUS
CN Benzeneacetic acid, 2-chloro-.alpha.-[[2-oxo-2-(2-thienyl)ethyl]amino]-, methyl ester, (.alpha.S)- (9CI) (CA INDEX NAME)

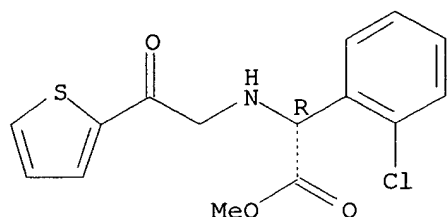
Absolute stereochemistry.



RN 478084-01-4 CAPLUS
CN Benzeneacetic acid, 2-chloro-.alpha.-[[2-oxo-2-(2-thienyl)ethyl]amino]-, methyl ester, (.alpha.R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

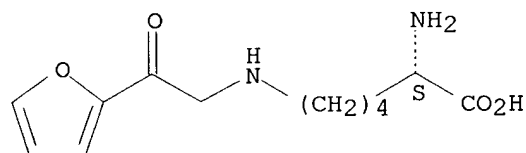
V. Balasubramanian



RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

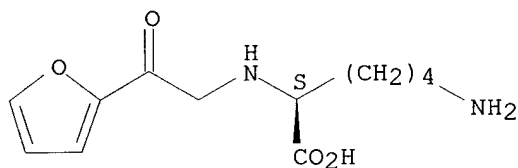
L5 ANSWER 6 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2002:951581 CAPLUS
DN 138:152446
TI High-Pressure Effects on Maillard Reaction between Glucose and Lysine
AU Moreno, F. Javier; Molina, Elena; Olano, Agustin; Lopez-Fandino, Rosina
CS Instituto de Fermentaciones Industriales, CSIC, Madrid, 28006, Spain
SO Journal of Agricultural and Food Chemistry (2003), 51(2), 394-400
CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
IT **19746-33-9**, N.epsilon.-2-Furoylmethyl L-lysine **496842-59-2**
RL: FMU (Formation, unclassified); FORM (Formation, nonpreparative)
(high-pressure effects on Maillard reaction between glucose and lysine)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 496842-59-2 CAPLUS
CN L-Lysine, N2-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

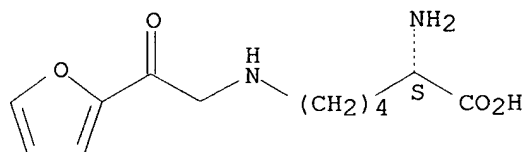
L5 ANSWER 7 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2002:824647 CAPLUS

09/817,374

V. Balasubramanian

DN 138:38431
TI Stability of Dried and Intermediate Moisture Tomato Pulp during Storage
AU Giovanelli, Gabriella; Paradiso, Angela
CS Distam Department of Food Science and Technology, University of Milan,
Milan, 20133, Italy
SO Journal of Agricultural and Food Chemistry (2002), 50(25), 7277-7281
CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
IT 19746-33-9, Furosine
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(tomato pulp stability after drying)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 8 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2002:814108 CAPLUS
DN 137:325413
TI Preparation of 1H-indazole derivatives as inhibitors of c-Jun
amino-terminal kinase (JNK)
IN Oinuma, Hitoshi; Ohi, Norihito; Sato, Nobuaki; Soejima, Motohiro; Seshimo,
Hidenori; Terauchi, Taro; Doko, Takashi; Kohmura, Naohiro
PA Eisai Co., Ltd., Japan
SO PCT Int. Appl., 322 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002083648	A1	20021024	WO 2002-JP3735	20020415
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI JP 2001-116521	A	20010416		
OS MARPAT 137:325413				
IT 473411-77-7P				
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU				

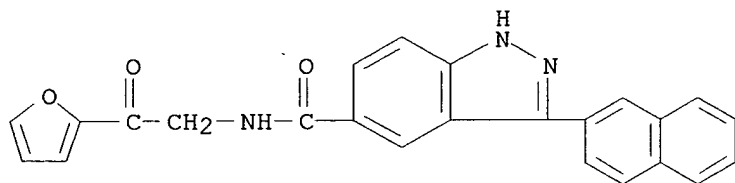
V. Balasubramanian

(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of 1H-indazole derivs. as inhibitors of c-Jun amino-terminal kinase (JNK) and preventives and/or therapeutics for diseases)

RN 473411-77-7 CAPLUS

CN 1H-Indazole-5-carboxamide, N-[2-(2-furanyl)-2-oxoethyl]-3-(2-naphthalenyl)-(9CI) (CA INDEX NAME)



RE.CNT 131 THERE ARE 131 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 9 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2002:813909 CAPLUS

DN 137:325416

TI Preparation of substituted imidazoles/oxazoles/thiazoles as large conductance calcium-activated K channel openers

IN Hongu, Mitsuya; Hosaka, Thoshihiro; Kashiwagi, Toshihiko; Kono, Rikako; Kobayashi, Hiroyuki

PA Tanabe Seiyaku Co., Ltd., Japan

SO PCT Int. Appl., 302 pp.

CODEN: PIXXD2

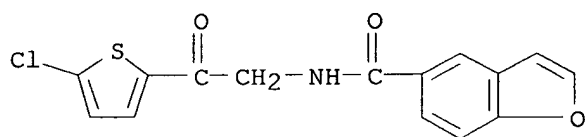
DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002083111	A2	20021024	WO 2002-JP3723	20020415
	W:				
					AE, AG, AL, AU, BA, BB, BG, BR, BZ, CA, CN, CO, CR, CU, CZ, DM, DZ, EC, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, NO, NZ, OM, PH, PL, RO, SG, SI, SK, TN, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
	RW:				GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
PRAI	JP 2001-116436	A	20010416		
	JP 2001-249671	A	20010820		
OS	MARPAT 137:325416				
IT	473694-13-2				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(prepn. of imidazoles/oxazoles/thiazoles as large conductance calcium-activated K channel openers)				
RN	473694-13-2 CAPLUS				
CN	5-Benzofurancarboxamide, N-[2-(5-chloro-2-thienyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)				

V. Balasubramanian

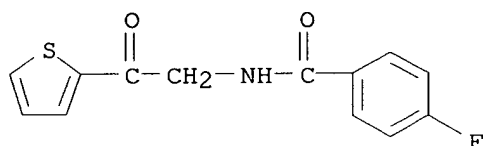


IT 85210-64-6P 473693-22-0P 473693-24-2P
473693-25-3P 473693-29-7P 473693-32-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. of imidazoles/oxazoles/thiazoles as large conductance
calcium-activated K channel openers)

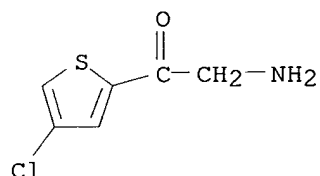
RN 85210-64-6 CAPLUS

CN Benzamide, 4-fluoro-N-[2-oxo-2-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)



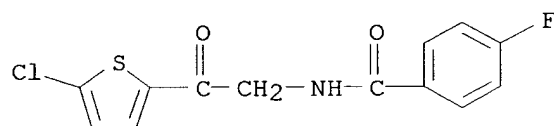
RN 473693-22-0 CAPLUS

CN Ethanone, 2-amino-1-(4-chloro-2-thienyl)- (9CI) (CA INDEX NAME)



RN 473693-24-2 CAPLUS

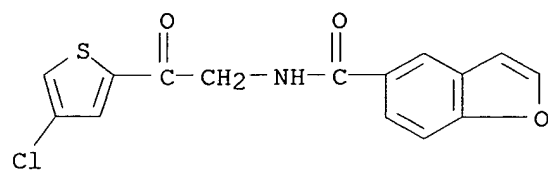
CN Benzamide, N-[2-(5-chloro-2-thienyl)-2-oxoethyl]-4-fluoro- (9CI) (CA
INDEX NAME)



RN 473693-25-3 CAPLUS

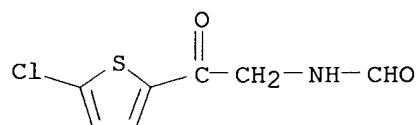
CN 5-Benzofurancarboxamide, N-[2-(4-chloro-2-thienyl)-2-oxoethyl]- (9CI) (CA
INDEX NAME)

V. Balasubramanian



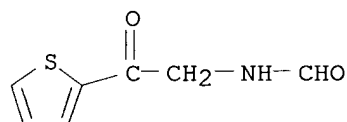
RN 473693-29-7 CAPLUS

CN Formamide, N-[2-(5-chloro-2-thienyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)



RN 473693-32-2 CAPLUS

CN Formamide, N-[2-oxo-2-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 10 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2002:797378 CAPLUS

DN 138:88842

TI Study of 2-furoylmethyl amino acids in processed foods by HPLC-mass spectrometry

AU Dolores del Castillo, Maria; Sanz, Maria Luz; Vicente-Arana, Maria Jesus; Corzo, Nieves

CS (C.S.I.C.), Instituto de Fermentaciones Industriales, Madrid, 28006, Spain

SO Food Chemistry (2002), 79(2), 261-266

CODEN: FOCHDJ; ISSN: 0308-8146

PB Elsevier Science Ltd.

DT Journal

LA English

IT **297166-97-3P 484664-61-1P**

RL: ANT (Analyte); NPO (Natural product occurrence); PUR (Purification or recovery); ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation)

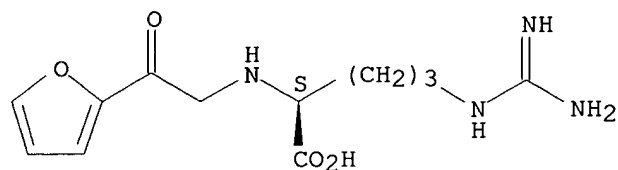
(2-furoylmethyl amino acids in processed foods detd. by HPLC-ESI-MS)

RN 297166-97-3 CAPLUS

CN L-Arginine, N2-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

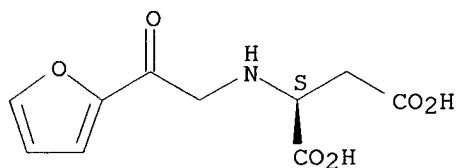
V. Balasubramanian



RN 484664-61-1 CAPLUS

CN L-Aspartic acid, N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 19746-33-9P, Furosine

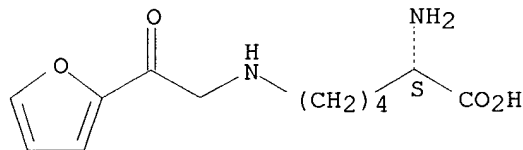
RL: ANT (Analyte); PUR (Purification or recovery); ANST (Analytical study); PREP (Preparation)

(2-furoylmethyl amino acids in processed foods detd. by HPLC-ESI-MS)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 11 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2002:736103 CAPLUS

DN 137:247516

TI Preparation of N-acylaminoalkanehydroxamic acids as IL-6 production inhibitors

IN Naka, Masao; Takahashi, Kanji

PA Ono Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 194 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

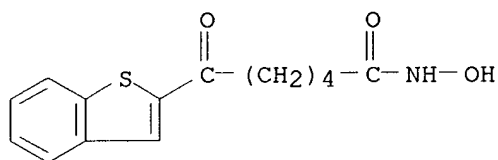
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002074298	A1	20020926	WO 2002-JP2681	20020320
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				

09/817,374

V. Balasubramanian

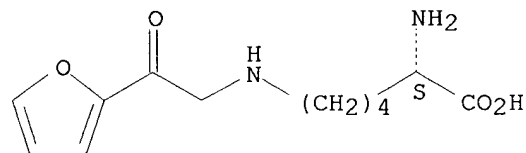
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS,
LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL,
PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
PRAI JP 2001-81302 A 20010321
OS MARPAT 137:247516
IT **461404-97-7P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
(prepn. of N-acylaminoalkanehydroxamic acids as IL-6 prodn. inhibitors
as preventives and/or remedies for diseases)
RN 461404-97-7 CAPLUS
CN Benzo[b]thiophene-2-hexanamide, N-hydroxy-.epsilon.-oxo- (9CI) (CA INDEX
NAME)



RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 12 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2002:734795 CAPLUS
DN 137:351898
TI Spelt (Triticum spelta L.) pasta quality: combined effect of flour
properties and drying conditions
AU Marconi, E.; Carcea, M.; Schiavone, M.; Cubadda, R.
CS DISTAAM, DISTAAM, Universita del Molise, Campobasso, 86100, Italy
SO Cereal Chemistry (2002), 79(5), 634-639
CODEN: CECHAF; ISSN: 0009-0352
PB American Association of Cereal Chemists
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(combined effects of flour properties and drying conditions on spelt
pasta quality)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



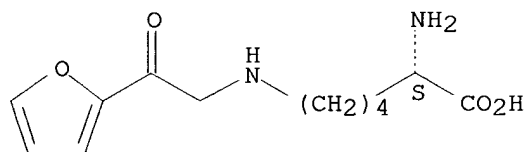
09/817,374

V. Balasubramanian

RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

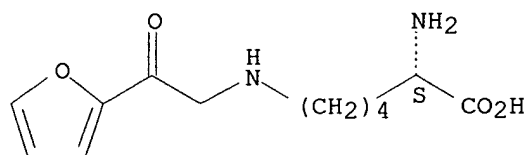
L5 ANSWER 13 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2002:655290 CAPLUS
DN 138:121750
TI Melanoidin produced by heat reaction between sugar and amino acids.
Time-dependent change of concentration of melanoidin precursors
AU Makino, Yoshio; Okazaki, Kenji
CS Kagawa Prefect. Ind. Technol. Cent., Takamatsu, 761-8031, Japan
SO Kenkyu Hokoku - Kagawa-ken Sangyo Gijutsu Senta (2002), Volume Date 2001,
2, 137-138
CODEN: KHKSAR
PB Kagawa-ken Sangyo Gijutsu Senta
DT Journal
LA Japanese
IT **19746-33-9**, Furosine
RL: ANT (Analyte); CPS (Chemical process); FMU (Formation, unclassified);
PEP (Physical, engineering or chemical process); ANST (Analytical study);
FORM (Formation, nonpreparative); PROC (Process)
(time-dependent change of concn. of melanoidin precursors in heat
reaction between sugar and amino acid)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 14 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2002:652686 CAPLUS
DN 137:324476
TI Evaluation of heat and oxidative damage during storage of processed tomato
products. I. Study of heat damage indices
AU Giovanelli, Gabriella; Lavelli, Vera
CS DISTAM. Department of Food Science Technology and Microbiology, University
of Milan, Milan, I-20133, Italy
SO Journal of the Science of Food and Agriculture (2002), 82(11), 1263-1267
CODEN: JSFAAE; ISSN: 0022-5142
PB John Wiley & Sons Ltd.
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(evaluation of heat damage indexes in stored processed tomato products)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 15 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2002:615623 CAPLUS

DN 137:169517

TI Oxazolyl-pyrazole derivatives as protein kinase inhibitors, their preparation and combinatorial libraries, and their pharmaceutical use in the treatment of cancer and other diseases and disorders

IN Berta, Daniela; Felder, Eduard; Vulpetti, Anna; Villa, Marzia

PA Pharmacia Italia S.p.A., Italy

SO PCT Int. Appl., 107 pp.

CODEN: PIXXD2

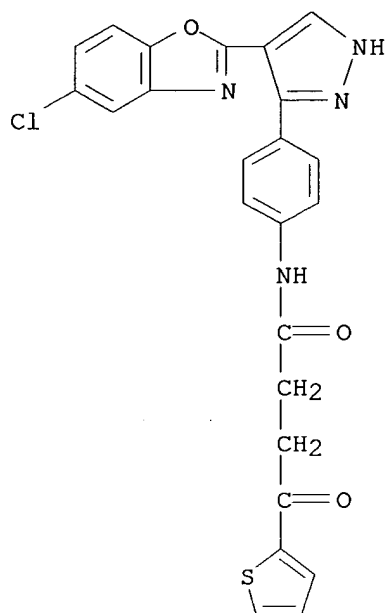
DT Patent

LA English

FAN.CNT 1

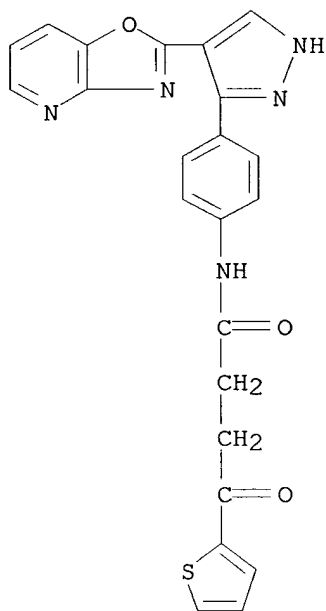
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002062804	A1	20020815	WO 2002-EP995	20020128
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	GB 2001-2687	A	20010202		
OS	MARPAT 137:169517				
IT	448184-41-6P , N-[4-[4-(5-Chloro-1,3-benzoxazol-2-yl)pyrazol-3-yl]phenyl]-3-(2-thenoyl)propionamide 448186-16-1P , N-[4-[4-(1,3-Oxazole[4,5-b]pyridine-2-yl)pyrazol-3-yl]phenyl]-3-(2-thenoyl)propionamide RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study); PREP (Preparation); USES (Uses) (drug candidate; prepn. of oxazolylpyrazole derivs. as protein kinase inhibitors, and their combinatorial libraries and use as anticancer agents)				
RN	448184-41-6 CAPLUS				
CN	2-Thiophenebutanamide, N-[4-[4-(5-chloro-2-benzoxazolyl)-1H-pyrazol-3-yl]phenyl]-.gamma.-oxo- (9CI) (CA INDEX NAME)				

V. Balasubramanian



RN 448186-16-1 CAPLUS

CN 2-Thiophenebutanamide, N-[4-(4-oxazolo[4,5-b]pyridin-2-yl)-1H-pyrazol-3-yl]phenyl]-.gamma.-oxo- (9CI) (CA INDEX NAME)



RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

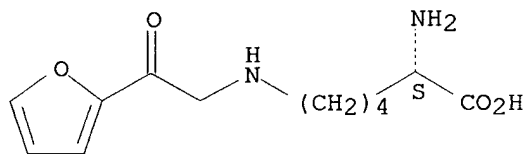
L5 ANSWER 16 OF 409 CAPLUS COPYRIGHT 2003 ACS

09/817,374

V. Balasubramanian

AN 2002:565182 CAPLUS
DN 137:262059
TI Characterization and Functional Properties of Lactosyl Caseinomacropeptide Conjugates
AU Moreno, F. Javier; Lopez-Fandino, Rosina; Olano, Agustin
CS Instituto de Fermentaciones Industriales (CSIC), Madrid, 28006, Spain
SO Journal of Agricultural and Food Chemistry (2002), 50(18), 5179-5184
CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BSU (Biological study, unclassified); BIOL (Biological study) (prepn. and functionality of lactosyl caseinomacropeptide conjugates)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

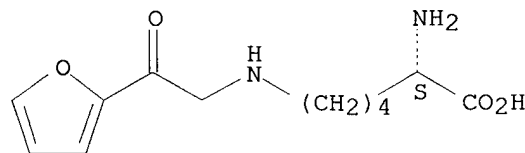
Absolute stereochemistry.



RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 17 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2002:536214 CAPLUS
DN 137:278023
TI Quantitative determination of furosine in cow's milk containing reconstituted skim milk
AU Ohta, T.; Yoshida, T.; Kazaki, B.; Hosono, A.; Suyama, K.
CS Japan Dairy Technical Association, Tokyo, 102-0073, Japan
SO Milchwissenschaft (2002), 57(2), 70-73
CODEN: MILCAD; ISSN: 0026-3788
PB VV-GmbH Volkswirtschaftlicher Verlag
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: ANT (Analyte); ANST (Analytical study) (detn. of furosine by HPLC for detection of reconstituted skim milk in bovine milk)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

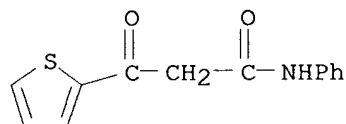


RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD

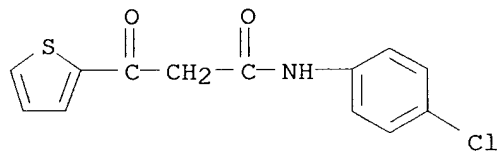
09/817,374

ALL CITATIONS AVAILABLE IN THE RE FORMAT

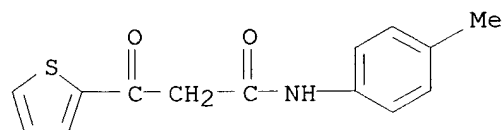
L5 ANSWER 18 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 2002:509589 CAPLUS
 DN 138:4501
 TI Efficient synthesis of polyfunctionalized pyridines by conjugate addition of 2-thienylcarbonyl (thioacetanilides) to .alpha.,.beta.-unsaturated nitriles
 AU Bogdanowicz-Szwed, Krystyna; Krasodomska, Malgorzata
 CS Department of Organic Chemistry, Jagiellonian University, Krakow, 30060, Pol.
 SO Journal of Chemical Research, Synopses (2002), (4), 149-150, 419-430
 CODEN: JRPSDC; ISSN: 0308-2342
 PB Science Reviews
 DT Journal
 LA English
 OS CASREACT 138:4501
 IT **23058-91-5 23058-94-8 476688-45-6**
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (prepn. of amino[(thienyl)carbonyl](oxo)pyridinecarbonitrile derivs. and analogs via conjugate addn. of (oxo)thiophenepropanethioamide or (oxo)thiophenepropanamide derivs. with (phenylmethylene)propanedinitriles)
 RN 23058-91-5 CAPLUS
 CN 2-Thiophenepropanamide, .beta.-oxo-N-phenyl- (9CI) (CA INDEX NAME)



RN 23058-94-8 CAPLUS
 CN 2-Thiophenepropanamide, N-(4-chlorophenyl)-.beta.-oxo- (9CI) (CA INDEX NAME)



RN 476688-45-6 CAPLUS
 CN 2-Thiophenepropanamide, N-(4-methylphenyl)-.beta.-oxo- (9CI) (CA INDEX NAME)



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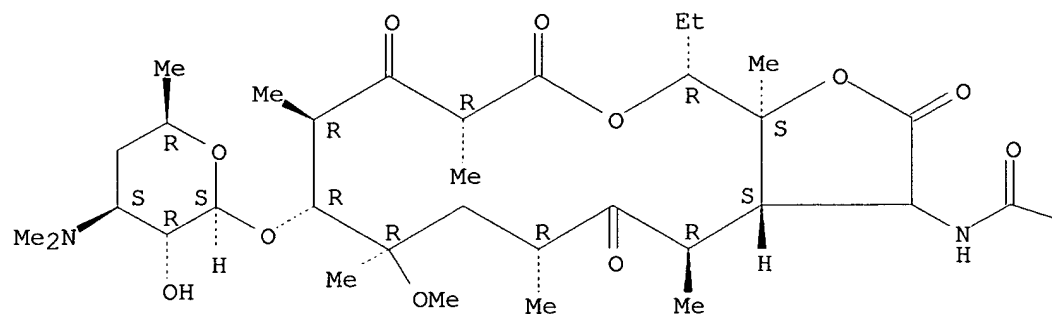
RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 19 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2002:487577 CAPLUS
DN 137:63420
TI Preparation of lactone ketolide macrolide erythromycin antibiotics
IN Andreotti, Daniele; Arista, Luca; Biondi, Stefano; Cardullo, Francesca;
Damiani, Frederica; Lociuero, Sergio; Marchioro, Carla; Merlo, Giancarlo;
Mingardi, Anna; Niccolai, Daniela; Paio, Alfredo; Piga, Elisabetta;
Pozzan, Alfonso; Seri, Catia; Tarsi, Luca; Terreni, Silvia; Tibasco,
Jessica
PA Glaxo Group Limited, UK
SO PCT Int. Appl., 215 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

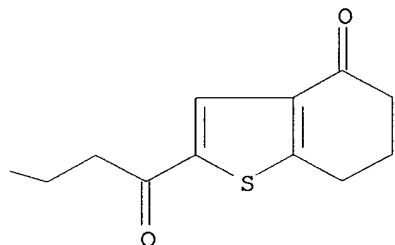
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002050091	A1	20020627	WO 2001-GB5665	20011220
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	AU 2002017277	A5	20020701	AU 2002-17277	20011220
PRAI	GB 2000-31309	A	20001221		
	GB 2001-26276	A	20011101		
	GB 2001-26277	A	20011101		
	WO 2001-GB5665	W	20011220		
OS	MARPAT 137:63420				
IT	439100-07-9P 439100-08-0P 439101-83-4P 439107-22-9P				
	RL: IMF (Industrial manufacture); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(prepn. of lactone ketolide macrolide erythromycin antibiotics and their use in therapy or prophylaxis of systemic or topical bacterial infections)				
RN	439100-07-9 CAPLUS				
CN	Benzo[b]thiophene-2-butanamide, N-[(3aS,4R,6R,8R,9R,10R,12R,15R,15aS)-15-ethyltetradecahydro-8-methoxy-4,6,8,10,12,15a-hexamethyl-2,5,11,13-tetraoxo-9-[[3,4,6-trideoxy-3-(dimethylamino)-.beta.-D-xylo-hexopyranosyl]oxy]-2H-furo[2,3-c]oxacyclotetradecin-3-yl]-4,5,6,7-tetrahydro-.gamma.,4-dioxo- (9CI) (CA INDEX NAME)				

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

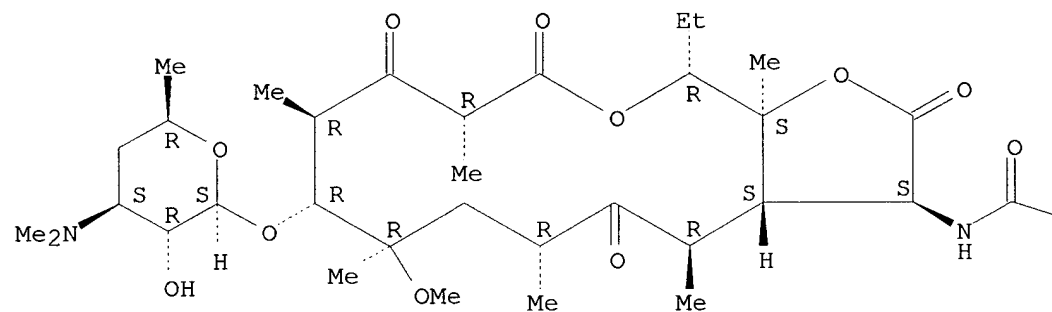


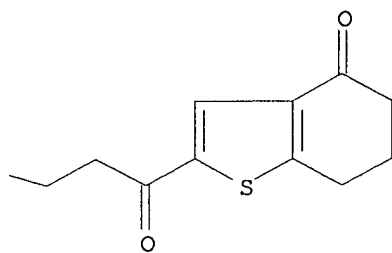
RN 439100-08-0 CAPLUS

CN Benzo[b]thiophene-2-butanamide, N-[(3S,3aS,4R,6R,8R,9R,10R,12R,15R,15aS)-15-ethyltetradecahydro-8-methoxy-4,6,8,10,12,15a-hexamethyl-2,5,11,13-tetraoxo-9-[[3,4,6-trideoxy-3-(dimethylamino)-.beta.-D-xylohexopyranosyl]oxy]-2H-furo[2,3-c]oxacyclotetradecin-3-yl]-4,5,6,7-tetrahydro-.gamma.,4-dioxo- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

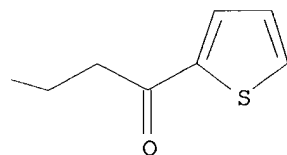
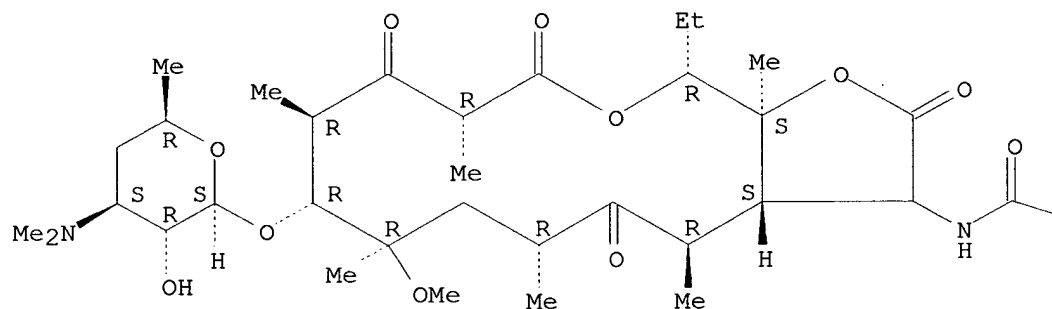




RN 439101-83-4 CAPLUS

CN 2-Thiophenebutanamide, N-[(3aS,4R,6R,8R,9R,10R,12R,15R,15aS)-15-ethyltetradecahydro-8-methoxy-4,6,8,10,12,15a-hexamethyl-2,5,11,13-tetraoxo-9-[[3,4,6-trideoxy-3-(dimethylamino)-.beta.-D-xylohexopyranosyl]oxy]-2H-furo[2,3-c]oxacyclotetradecin-3-yl]-.gamma.-oxo-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 439107-22-9 CAPLUS

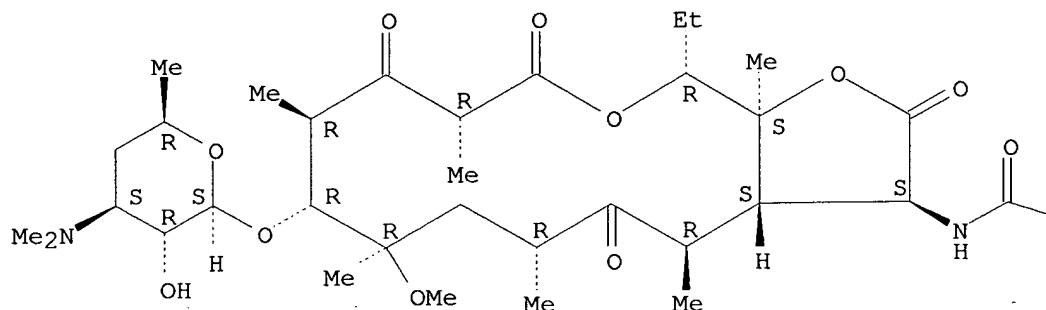
CN Benzo[b]thiophene-2-butanamide, N-[(3S,3aS,4R,6R,8R,9R,10R,12R,15R,15aS)-15-ethyltetradecahydro-8-methoxy-4,6,8,10,12,15a-hexamethyl-2,5,11,13-tetraoxo-9-[[3,4,6-trideoxy-3-(dimethylamino)-.beta.-D-xylohexopyranosyl]oxy]-2H-furo[2,3-c]oxacyclotetradecin-3-yl]-4,5,6,7-

V. Balasubramanian

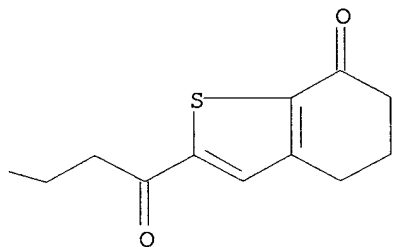
tetrahydro-.gamma.,7-dioxo- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

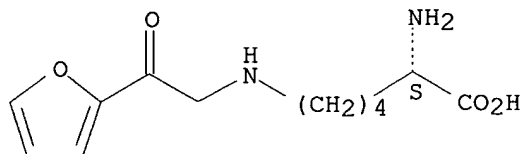


RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 20 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2002:441184 CAPLUS
DN 138:151567
TI Daily haemodialysis improves indices of protein glycation
AU Floridi, Ardesio; Antolini, Francesco; Galli, Francesco; Fagugli, Riccardo
Maria; Floridi, Emanuela; Buoncristiani, Umberto
CS Department of Internal Medicine, University of Perugia, Perugia, I-06100,
Italy
SO Nephrology, Dialysis, Transplantation (2002), 17(5), 871-878
CODEN: NDTREA; ISSN: 0931-0509
PB Oxford University Press
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: DGN (Diagnostic use); BIOL (Biological study); USES (Uses)
(daily hemodialysis improves indexes of protein glycation in kidney
disease)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

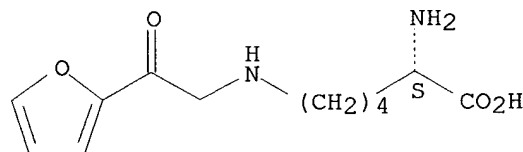
V. Balasubramanian



RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 21 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2002:402201 CAPLUS
DN 137:46401
TI Furosine as Indicator of Maillard Reaction in Jams and Fruit-Based Infant Foods
AU Rada-Mendoza, Maite; Olano, Agustin; Villamiel, Mar
CS Instituto de Fermentaciones Industriales (CSIC), Madrid, 28006, Spain
SO Journal of Agricultural and Food Chemistry (2002), 50(14), 4141-4145
CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
IT 19746-33-9, Furosine
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(furosine as indicator of Maillard reaction in jams and fruit-based infant foods with different sugar content)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 22 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2002:372414 CAPLUS
DN 137:109138
TI Structurally Simple Trichostatin A-Like Straight Chain Hydroxamates as Potent Histone Deacetylase Inhibitors
AU Woo, Soon Hyung; Frechette, Sylvie; Khalil, Elie Abou; Bouchain, Giliane; Vaisburg, Arkadii; Bernstein, Naomi; Moradei, Oscar; Leit, Silvana; Allan, Martin; Fournel, Marielle; Trachy-Bourget, Marie-Claude; Li, Zuomei; Besterman, Jeffrey M.; Delorme, Daniel
CS Departments of Medicinal Chemistry and Molecular Biology, MethylGene Inc., Montreal, QC, H4S 2A1, Can.
SO Journal of Medicinal Chemistry (2002), 45(13), 2877-2885
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
OS CASREACT 137:109138

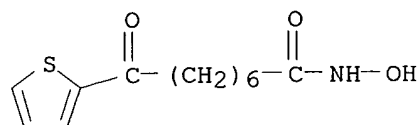
V. Balasubramanian

IT 362669-70-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(prepn. of trichostatin A-like hydroxamates, their human HDAC-1 and human cancer cell inhibition, and structure-activity relationship)

RN 362669-70-3 CAPLUS

CN 2-Thiopheneoctanamide, N-hydroxy-.eta.-oxo- (9CI) (CA INDEX NAME)



RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 23 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2002:366971 CAPLUS

DN 136:386124

TI Preparation of amidoalkyluracils as inhibitors of poly(ADP-ribose)synthetase (PARS)

IN Albrecht, Barbara; Gerisch, Michael; Handke, Gabriele; Jensen, Axel; Krahn, Thomas; Nickl, Werner; Oehme, Felix; Schlemmer, Karl-Heinz; Steinhagen, Henning

PA Bayer Ag, Germany

SO Ger. Offen., 70 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10056312	A1	20020516	DE 2000-10056312	20001114
	WO 2002040455	A1	20020523	WO 2001-EP12694	20011102
	WO 2002040455	C1	20020718		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2002024825 A5 20020527 AU 2002-24825 20011102

PRAI DE 2000-10056312 A 20001114

WO 2001-EP12694 W 20011102

OS MARPAT 136:386124

IT 425635-66-1P 425635-81-0P 425636-11-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

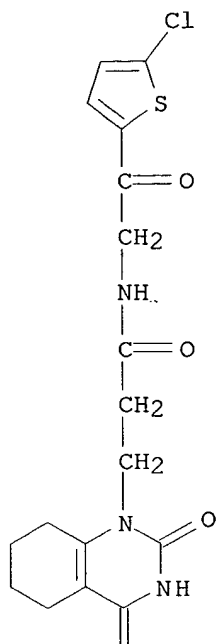
(prepn. of amidoalkyluracils as inhibitors of poly(ADP-ribose)synthetase (PARS))

RN 425635-66-1 CAPLUS

V. Balasubramanian

CN 1(2H)-Quinazolinepropanamide, N-[2-(5-chloro-2-thienyl)-2-oxoethyl]-
3,4,5,6,7,8-hexahydro-2,4-dioxo- (9CI) (CA INDEX NAME)

PAGE 1-A



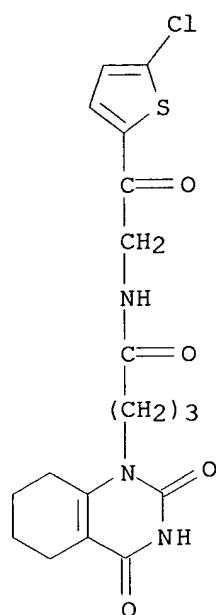
PAGE 2-A



RN 425635-81-0 CAPLUS

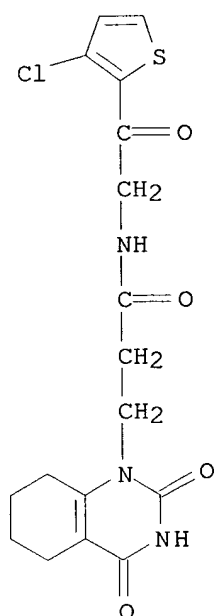
CN 1(2H)-Quinazolinebutanamide, N-[2-(5-chloro-2-thienyl)-2-oxoethyl]-
3,4,5,6,7,8-hexahydro-2,4-dioxo- (9CI) (CA INDEX NAME)

V. Balasubramanian



RN 425636-11-9 CAPLUS

CN 1(2H)-Quinazolinepropanamide, N-[2-(3-chloro-2-thienyl)-2-oxoethyl]-
3,4,5,6,7,8-hexahydro-2,4-dioxo- (9CI) (CA INDEX NAME)



L5 ANSWER 24 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2002:303219 CAPLUS

DN 137:368775

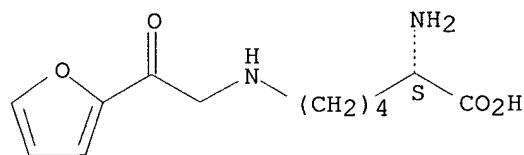
TI Maillard reaction in enteral formula processing: furosine, loss of

09/817,374

V. Balasubramanian

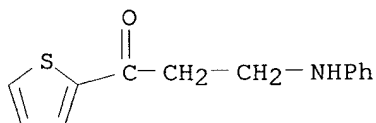
o-phthaldialdehyde reactivity, and fluorescence
AU Rufian-Henares, Jose Angel; Guerra-Hernandez, Eduardo; Garcia-Villanova, Belen
CS Facultad de Farmacia, Departamento de Nutricion y Bromatologia, Universidad de Granada, Granada, 18012, Spain
SO Food Research International (2002), 35(6), 527-533
CODEN: FORIEU; ISSN: 0963-9969
PB Elsevier Science Ltd.
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: ANT (Analyte); CPS (Chemical process); PEP (Physical, engineering or chemical process); ANST (Analytical study); PROC (Process)
(furosine, loss of o-phthaldialdehyde reactivity, and fluorescence intensity assocd. with Maillard reaction in enteral formula processing)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 25 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2002:291602 CAPLUS
DN 137:185387
TI Reactions of ketonic Mannich bases with malononitrile and malononitrile dimer
AU Hammouda, M.; El-Ahl, A. S.; El-Toukhee, Y. M.; Metwally, M. A.
CS Chemistry Department, Faculty of Science, Mansoura University, Egypt
SO Journal of Chemical Research, Synopses (2002), (2), 89-94
CODEN: JRPSDC; ISSN: 0308-2342
PB Science Reviews
DT Journal
LA English
IT **21280-44-4**
RL: RCT (Reactant); RACT (Reactant or reagent)
(reactions of ketonic Mannich bases with malononitrile and malononitrile dimer)
RN 21280-44-4 CAPLUS
CN 1-Propanone, 3-(phenylamino)-1-(2-thienyl)- (9CI) (CA INDEX NAME)



RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD

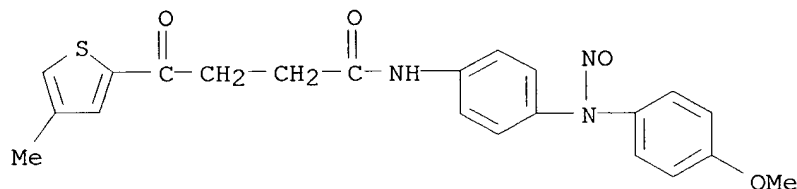
09/817,374

V. Balasubramanian

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 26 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2002:275953 CAPLUS
DN 136:309851
TI Preparation of diphenylamines and N-nitrosodiphenylamines for treatment of oxidative stress and unavailability of endothelial nitric oxide.
IN Lardy, Claude; Nioche, Jean-Yves; Caputo, Lidia; Decerprit, Jacques; Ortholand, Jean-Yves; Festal, Didier; Guerrier, Daniel
PA Merck Patent G.m.b.H., Germany
SO PCT Int. Appl., 142 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002028820	A1	20020411	WO 2001-EP10761	20010918
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	FR 2815030	A1	20020412	FR 2000-12749	20001005
	AU 2001089891	A5	20020415	AU 2001-89891	20010918
PRAI	FR 2000-12749	A	20001005		
	WO 2001-EP10761	W	20010918		
OS	MARPAT 136:309851				
IT	409354-83-2P				
	RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(prepn. of diphenylamines and N-nitrosodiphenylamines for treatment of oxidative stress and unavailability of endothelial nitric oxide)				
RN	409354-83-2 CAPLUS				
CN	2-Thiophenebutanamide, N-[4-[(4-methoxyphenyl)nitrosoamino]phenyl]-4-methyl-.gamma.-oxo- (9CI) (CA INDEX NAME)				



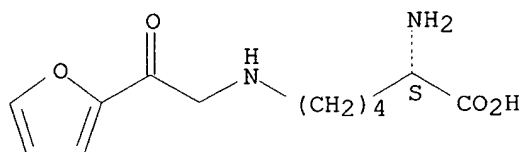
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 27 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2002:261691 CAPLUS
DN 137:5349

V. Balasubramanian

TI Effect of storage on non-enzymatic browning of liquid infant milk formulae
AU Guerra-Hernandez, Eduardo; Gomez, Carmen Leon; Garcia-Villanova, Belen;
Sanchez, Nieves Corzo; Gomez, Juan Manuel Romera
CS Departamento de Nutricion y Bromatologia, Facultad de Farmacia,
Universidad de Granada, Granada, E-18012, Spain
SO Journal of the Science of Food and Agriculture (2002), 82(5), 587-592
CODEN: JSFAAE; ISSN: 0022-5142
PB John Wiley & Sons Ltd.
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(storage effect on non-enzymic browning of liq. infant milk formulas)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

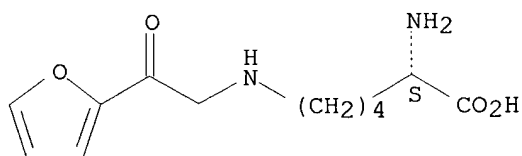
Absolute stereochemistry.



RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 28 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2002:250229 CAPLUS
DN 136:354487
TI Furosine. A Suitable Marker for Assessing the Freshness of Royal Jelly
AU Marconi, Emanuele; Caboni, Maria Fiorenza; Messina, Maria Cristina;
Panfili, Gianfranco
CS DISTAAM, Universita del Molise, Campobasso, 86100, Italy
SO Journal of Agricultural and Food Chemistry (2002), 50(10), 2825-2829
CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(furosine as marker for freshness in royal jelly during storage)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

V. Balasubramanian

LS ANSWER 29 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2002:237356 CAPLUS

DN 136:263090

TI Preparation of cyclic amine derivatives for inhibition of the action of chemokines such as MIP-1.alpha. and/or MCP-1 on target cells

IN Shiota, Tatsuki; Kataoka, Ken-Ichiro; Imai, Minoru; Tsutsumi, Takaharu; Sudoh, Masaki; Sogawa, Ryo; Morita, Takuya; Hada, Takahiko; Muroga, Yumiko; Takenouchi, Osami; Furuya, Minoru; Endo, Noriaki; Tarby, Christine M.; Moree, Wilna; Teig, Steven

PA Teijin Limited, Japan; Dupont Pharmaceuticals Research Laboratories

SO U.S., 364 pp., Cont. of U.S. Ser. No. 554,562.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6362177	B1	20020326	US 2001-905078	20010716
	US 6451842	B1	20020917	US 2000-554562	20000516
	US 6410566	B1	20020625	US 2001-905077	20010716
PRAI	US 2000-554562	A3	20000516		
	US 1997-972484	B1	19971118		
	US 1998-55285	B1	19980406		
	US 1998-133434	B1	19980813		
	WO 1998-US23254	W	19981117		

OS MARPAT 136:263090

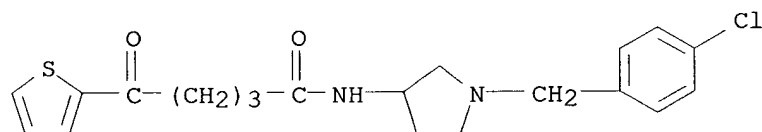
IT **226228-19-9P**, 2-Thiophenepentanamide, N-[1-[(4-chlorophenyl)methyl]-3-pyrrolidinyl]-.delta.-oxo- **226229-66-9P**, 2-Thiophenepentanamide, N-[1-[(4-chlorophenyl)methyl]-3-piperidinyl]-.delta.-oxo-

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of cyclic amine derivs. for inhibition of action of chemokines such as MIP-1.alpha. and/or MCP-1 on target cells)

RN 226228-19-9 CAPLUS

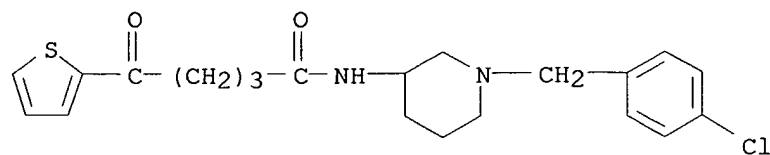
CN 2-Thiophenepentanamide, N-[1-[(4-chlorophenyl)methyl]-3-pyrrolidinyl]-.delta.-oxo- (9CI) (CA INDEX NAME)



RN 226229-66-9 CAPLUS

CN 2-Thiophenepentanamide, N-[1-[(4-chlorophenyl)methyl]-3-piperidinyl]-.delta.-oxo- (9CI) (CA INDEX NAME)

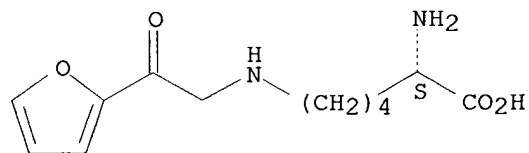
V. Balasubramanian



RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 30 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2002:183394 CAPLUS
DN 136:262081
TI Influence of hydrolysis, purification, and calibration method on furosine determination using ion-pair reversed-phase high-performance liquid chromatography
AU Serrano, M. A.; Castillo, G.; Munoz, M. M.; Hernandez, A.
CS Departamento de Nutricion y Bromatologia, Universidad de Alcala, Madrid, 28871, Spain
SO Journal of Chromatographic Science (2002), 40(2), 87-91
CODEN: JCHSBZ; ISSN: 0021-9665
PB Preston Publications
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: ANT (Analyte); ANST (Analytical study)
(influence of hydrolysis, purifn., and calibration method on furosine detn. using ion-pair reversed-phase high-performance liq. chromatog.)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 31 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2002:154511 CAPLUS
DN 137:231530
TI A new method for discriminating milk heat treatment
AU Birlouez-Aragon, Ines; Sabat, Pascal; Gouti, Nicolas
CS Laboratoire de Chimie Analytique, Institut National Agronomique Paris-Grignon, Paris, 75231, Fr.
SO International Dairy Journal (2002), 12(1), 59-67
CODEN: IDAJE6; ISSN: 0958-6946
PB Elsevier Science Ltd.
DT Journal
LA English
IT **19746-33-9, Furosine**

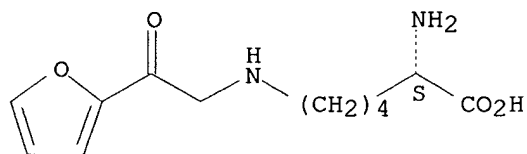
V. Balasubramanian

RL: ANT (Analyte); ANST (Analytical study)
(fluorimetric FAST (fluorescence of advanced Maillard products and sol.
trp) anal. for est. of heat intensity treatment of milk)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 32 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2002:130523 CAPLUS

DN 137:5346

TI Fortification of milk with iron-ascorbate promotes lysine glycation and
tryptophan oxidation

AU Leclerc, Juliette; Birlouez-Aragon, Ines; Meli, Michael

CS Laboratoire de Chimie Analytique, Institut National Agronomique
Paris-Grignon, Paris, 75231, Fr.

SO Food Chemistry (2002), 76(4), 491-499

CODEN: FOCHDJ; ISSN: 0308-8146

PB Elsevier Science Ltd.

DT Journal

LA English

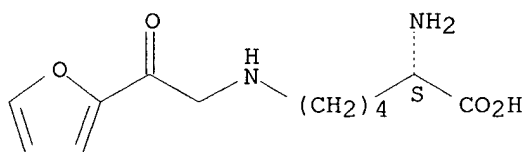
IT **19746-33-9**, Furosine

RL: BSU (Biological study, unclassified); BIOL (Biological study)
(lysine glycation and tryptophan oxidn. in relation to fortification of
milk with iron-ascorbate)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 33 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2002:123007 CAPLUS

DN 136:183816

TI Combinatorial preparation of bicyclo pyrazoles as kinase inhibitors for
treatment of cancer and other proliferative disorders

IN Fancelli, Daniele; Pittala, Valeria; Varasi, Mario

PA Pharmacia & Upjohn S.p.A., Italy

SO PCT Int. Appl., 331 pp.

09/817,374

V. Balasubramanian

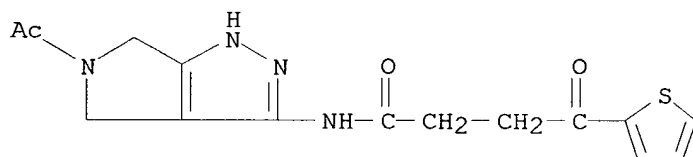
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

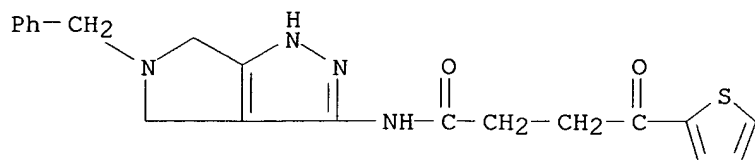
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002012242	A2	20020214	WO 2001-EP8639	20010725
	WO 2002012242	A3	20020606		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	AU 2001087654	A5	20020218	AU 2001-87654	20010725
PRAI	US 2000-635914	A	20000810		
	WO 2001-EP8639	W	20010725		
OS	MARPAT 136:183816				
IT	398496-49-6P 398497-13-7P 398497-82-0P				
	398498-56-1P 398499-76-8P 398500-91-9P				
	398502-02-8P 398503-34-9P , N-(5-Benzoylaminocarbonyl-4,6-dihydro-1H-pyrrolo[3,4-c]pyrazol-3-yl)-3-(2-thenoyl)propionamide				
	398504-43-3P , N-(5-Aminocarbonyl-4,6-dihydro-1H-pyrrolo[3,4-c]pyrazol-3-yl)-3-(2-thenoyl)propionamide 398505-60-7P , N-(5-Aminosulfonyl-4,6-dihydro-1H-pyrrolo[3,4-c]pyrazol-3-yl)-3-(2-thenoyl)propionamide 398506-32-6P , N-(5-Toluensulfonyl-4,6-dihydro-1H-pyrrolo[3,4-c]pyrazol-3-yl)-3-(2-thenoyl)propionamide 398506-91-7P , N-(5-Benzylsulfonyl-4,6-dihydro-1H-pyrrolo[3,4-c]pyrazol-3-yl)-3-(2-thenoyl)propionamide				
	RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study); PREP (Preparation); USES (Uses)				
	(kinase inhibitor; combinatorial prepn. of bicyclo pyrazoles as kinase inhibitors for treatment of cancer and other proliferative disorders)				
RN	398496-49-6	CAPLUS			
CN	2-Thiophenebutanamide, N-(5-acetyl-1,4,5,6-tetrahydropyrrolo[3,4-c]pyrazol-3-yl)-.gamma.-oxo- (9CI) (CA INDEX NAME)				



RN 398497-13-7 CAPLUS

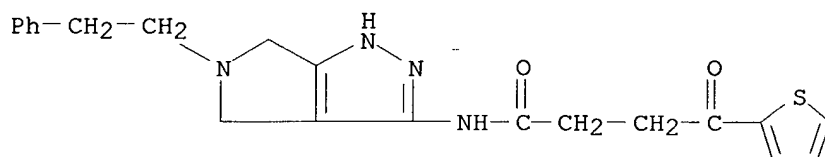
CN 2-Thiophenebutanamide, .gamma.-oxo-N-[1,4,5,6-tetrahydro-5-(phenylmethyl)pyrrolo[3,4-c]pyrazol-3-yl]- (9CI) (CA INDEX NAME)

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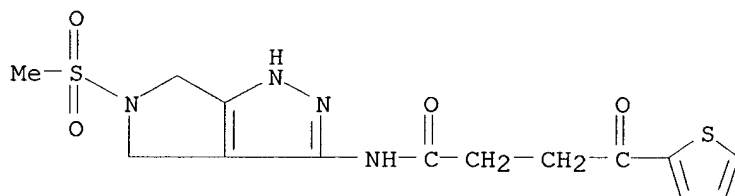
RN 398497-82-0 CAPLUS

CN 2-Thiophenebutanamide, .gamma.-oxo-N-[1,4,5,6-tetrahydro-5-(2-phenylethyl)pyrrolo[3,4-c]pyrazol-3-yl]- (9CI) (CA INDEX NAME)



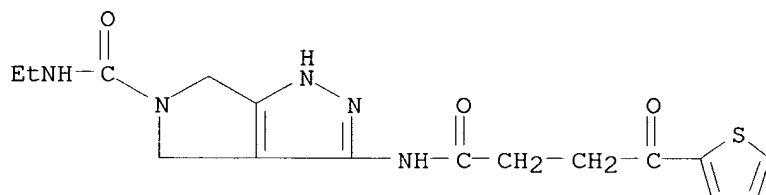
RN 398498-56-1 CAPLUS

CN 2-Thiophenebutanamide, .gamma.-oxo-N-[1,4,5,6-tetrahydro-5-(methylsulfonyl)pyrrolo[3,4-c]pyrazol-3-yl]- (9CI) (CA INDEX NAME)



RN 398499-76-8 CAPLUS

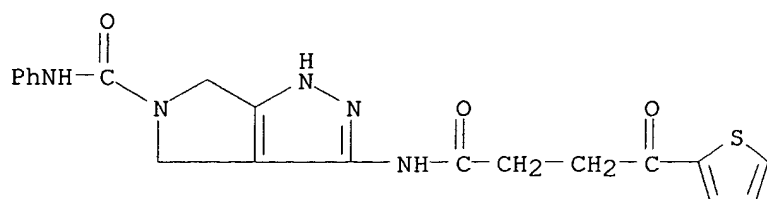
CN Pyrrolo[3,4-c]pyrazole-5(1H)-carboxamide, 3-[[1,4-dioxo-4-(2-thienyl)butyl]amino]-N-ethyl-4,6-dihydro- (9CI) (CA INDEX NAME)



RN 398500-91-9 CAPLUS

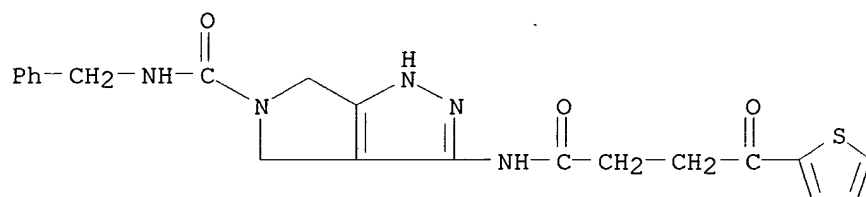
CN Pyrrolo[3,4-c]pyrazole-5(1H)-carboxamide, 3-[[1,4-dioxo-4-(2-thienyl)butyl]amino]-4,6-dihydro-N-phenyl- (9CI) (CA INDEX NAME)

V. Balasubramanian



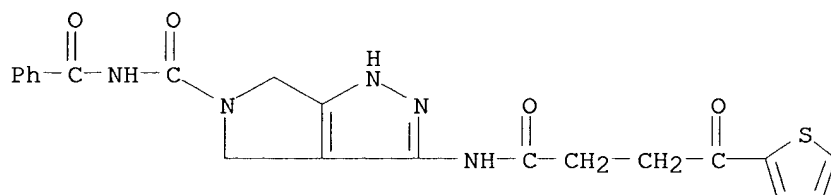
RN 398502-02-8 CAPLUS

CN Pyrrolo[3,4-c]pyrazole-5(1H)-carboxamide, 3-[[1,4-dioxo-4-(2-thienyl)butyl]amino]-4,6-dihydro-N-(phenylmethyl)- (9CI) (CA INDEX NAME)



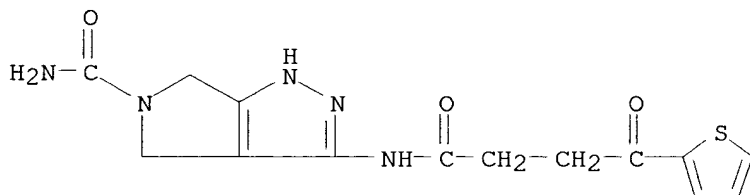
RN 398503-34-9 CAPLUS

CN Pyrrolo[3,4-c]pyrazole-5(1H)-carboxamide, N-benzoyl-3-[[1,4-dioxo-4-(2-thienyl)butyl]amino]-4,6-dihydro- (9CI) (CA INDEX NAME)



RN 398504-43-3 CAPLUS

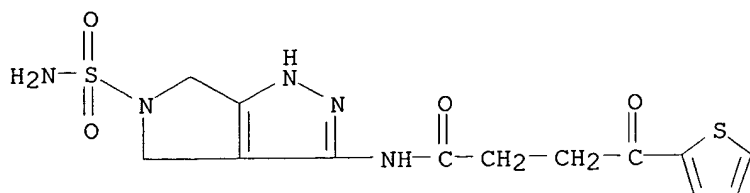
CN Pyrrolo[3,4-c]pyrazole-5(1H)-carboxamide, 3-[[1,4-dioxo-4-(2-thienyl)butyl]amino]-4,6-dihydro- (9CI) (CA INDEX NAME)



RN 398505-60-7 CAPLUS

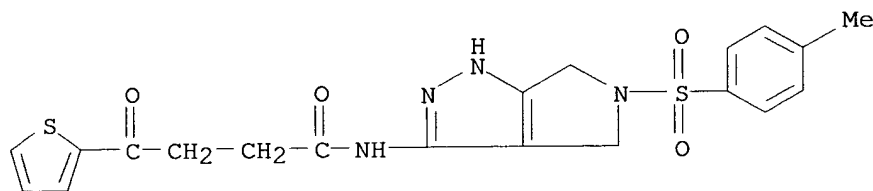
CN 2-Thiophenebutanamide, N-[5-(aminosulfonyl)-1,4,5,6-tetrahydropyrrolo[3,4-c]pyrazol-3-yl]-.gamma.-oxo- (9CI) (CA INDEX NAME)

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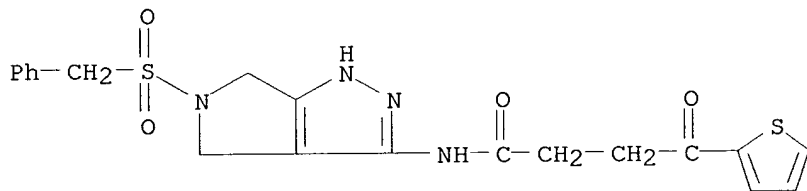
RN 398506-32-6 CAPLUS

CN 2-Thiophenebutanamide, .gamma.-oxo-N-[1,4,5,6-tetrahydro-5-[(4-methylphenyl)sulfonyl]pyrrolo[3,4-c]pyrazol-3-yl]- (9CI) (CA INDEX NAME)



RN 398506-91-7 CAPLUS

CN 2-Thiophenebutanamide, .gamma.-oxo-N-[1,4,5,6-tetrahydro-5-[(phenylmethyl)sulfonyl]pyrrolo[3,4-c]pyrazol-3-yl]- (9CI) (CA INDEX NAME)



L5 ANSWER 34 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2001:935593 CAPLUS

DN 136:69729

TI Preparation of thiophene-3-carboxamides as kinase inhibitors

IN Fancelli, Daniele; Pevarello, Paolo; Varasi, Mario

PA Pharmacia & Upjohn S.p.A., Italy

SO PCT Int. Appl., 85 pp.

CODEN: PIXXD2

DT Patent

LA English

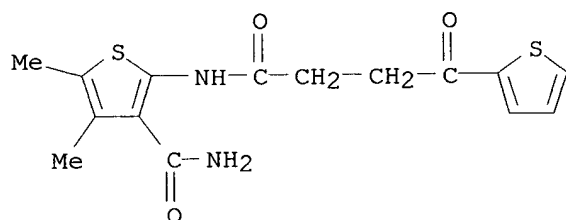
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001098290	A2	20011227	WO 2001-EP6763	20010614
	WO 2001098290	A3	20020516		

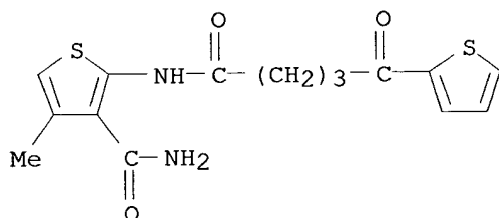
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,

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LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,
UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
US 6414013 B1 20020702 US 2000-596550 20000619
PRAI US 2000-596550 A 20000619
OS MARPAT 136:69729
IT **383381-32-6P 383381-75-7P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
(prepn. of thiophene-3-carboxamides as kinase inhibitors)
RN 383381-32-6 CAPLUS
CN 2-Thiophenebutanamide, N-[3-(aminocarbonyl)-4,5-dimethyl-2-thienyl]-
.gamma.-oxo- (9CI) (CA INDEX NAME)



RN 383381-75-7 CAPLUS
CN 2-Thiophenepentanamide, N-[3-(aminocarbonyl)-4-methyl-2-thienyl]-.delta.-
oxo- (9CI) (CA INDEX NAME)



L5 ANSWER 35 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2001:795601 CAPLUS
DN 136:70030
TI Enantioselective Synthesis of N-Cbz-Protected 6-Amino-6-deoxymannose,
-talose, and -gulose
AU Haukaas, Michael H.; O'Doherty, George A.
CS Department of Chemistry, University of Minnesota, Minneapolis, MN, 55455,
USA
SO Organic Letters (2001), 3(24), 3899-3902
CODEN: ORLEF7; ISSN: 1523-7060
PB American Chemical Society
DT Journal
LA English

V. Balasubramanian

OS CASREACT 136:70030

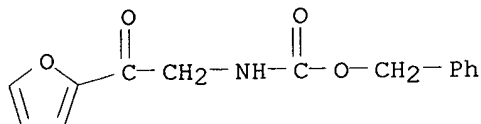
IT **383416-20-4P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(enantioselective synthesis of N-Cbz-protected 6-amino-6-deoxymannose, -talose, and -gulose)

RN 383416-20-4 CAPLUS

CN Carbamic acid, [2-(2-furanyl)-2-oxoethyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)



RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 36 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2001:766893 CAPLUS

DN 136:68925

TI Formation of Amadori Compounds in Dehydrated Fruits

AU Sanz, Maria Luz; del Castillo, Maria Dolores; Corzo, Nieves; Olano, Agustin

CS Instituto de Fermentaciones Industriales, Consejo Superior de Investigaciones Cientificas, Madrid, 28006, Spain

SO Journal of Agricultural and Food Chemistry (2001), 49(11), 5228-5231
CODEN: JAFCAU; ISSN: 0021-8561

PB American Chemical Society

DT Journal

LA English

IT **19746-33-9P 248583-21-3P 297166-97-3P**

384339-77-9P

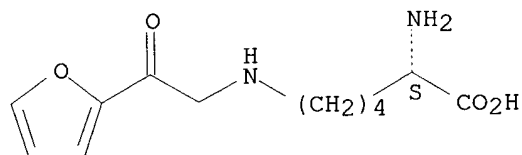
RL: CPN (Combinatorial preparation); NPO (Natural product occurrence);
BIOL (Biological study); CMBI (Combinatorial study); OCCU (Occurrence);
PREP (Preparation)

(formation of Amadori compds. in dehydrated fruits)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

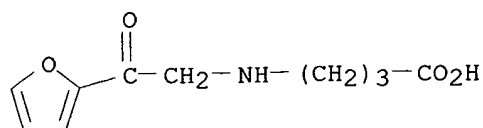
Absolute stereochemistry.



RN 248583-21-3 CAPLUS

CN Butanoic acid, 4-[[2-(2-furanyl)-2-oxoethyl]amino]- (9CI) (CA INDEX NAME)

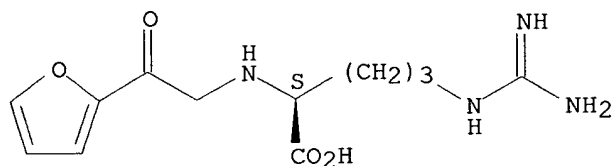
V. Balasubramanian



RN 297166-97-3 CAPLUS

CN L-Arginine, N2-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

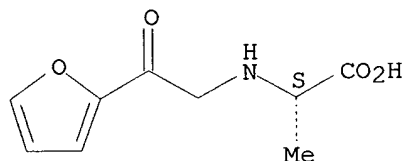
Absolute stereochemistry.



RN 384339-77-9 CAPLUS

CN L-Alanine, N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 37 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2001:713296 CAPLUS

DN 135:272755

TI Preparation of hydroxamic acids as inhibitors of histone deacetylase

IN Delorme, Daniel; Woo, Soon Hyung; Vaisburg, Arkadii

PA Methylgene, Inc., Can.

SO PCT Int. Appl., 241 pp.

CODEN: PIXXD2

DT Patent

LA English

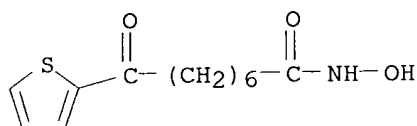
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001070675	A2	20010927	WO 2001-IB683	20010326
	WO 2001070675	A3	20021031		

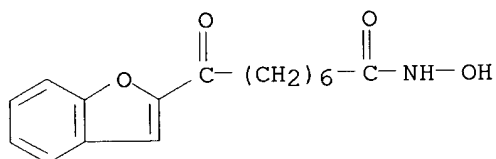
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

V. Balasubramanian

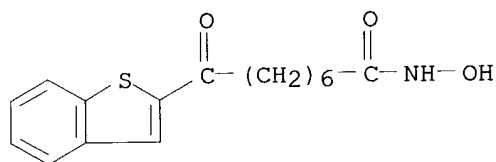
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 US 2002115826 A1 20020822 US 2001-817374 20010326
 EP 1280764 A2 20030205 EP 2001-921735 20010326
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 PRAI US 2000-192151P P 20000324
 WO 2001-IB683 W 20010326
 OS MARPAT 135:272755
 IT 362669-70-3P 362669-71-4P 362669-72-5P
 362670-40-4P 362671-18-9P 362671-19-0P
 362671-20-3P 362671-21-4P 362671-22-5P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of hydroxamic acids as inhibitors of histone deacetylase)
 RN 362669-70-3 CAPLUS
 CN 2-Thiopheneoctanamide, N-hydroxy-.eta.-oxo- (9CI) (CA INDEX NAME)



RN 362669-71-4 CAPLUS
 CN 2-Benzofuranoctanamide, N-hydroxy-.eta.-oxo- (9CI) (CA INDEX NAME)

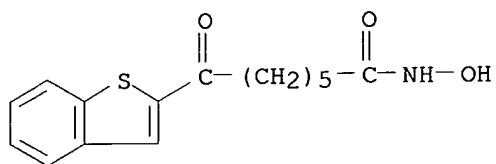


RN 362669-72-5 CAPLUS
 CN Benzo[b]thiophene-2-octanamide, N-hydroxy-.eta.-oxo- (9CI) (CA INDEX NAME)



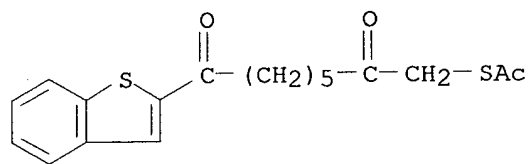
RN 362670-40-4 CAPLUS
 CN Benzo[b]thiophene-2-heptanamide, N-hydroxy-.zeta.-oxo- (9CI) (CA INDEX NAME)

V. Balasubramanian



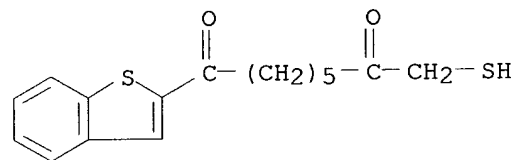
RN 362671-18-9 CAPLUS

CN Ethanethioic acid, S-(8-benzo[b]thien-2-yl-2,8-dioxooctyl) ester (9CI)
(CA INDEX NAME)



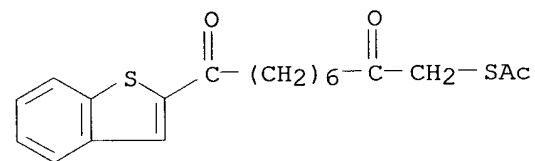
RN 362671-19-0 CAPLUS

CN 1,7-Octanedione, 1-benzo[b]thien-2-yl-8-mercapto- (9CI) (CA INDEX NAME)



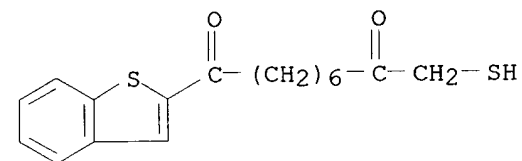
RN 362671-20-3 CAPLUS

CN Ethanethioic acid, S-(9-benzo[b]thien-2-yl-2,9-dioxononyl) ester (9CI)
(CA INDEX NAME)



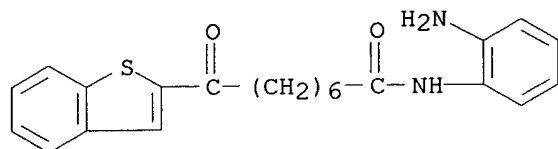
RN 362671-21-4 CAPLUS

CN 1,8-Nonanedione, 1-benzo[b]thien-2-yl-9-mercapto- (9CI) (CA INDEX NAME)



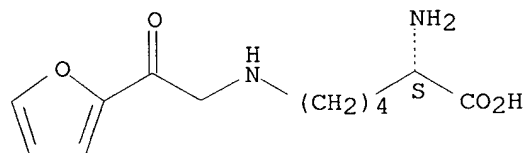
V. Balasubramanian

RN 362671-22-5 CAPLUS
CN Benzo[b]thiophene-2-octanamide, N-(2-aminophenyl)-.eta.-oxo- (9CI) (CA INDEX NAME)



L5 ANSWER 38 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2001:700460 CAPLUS
DN 136:231405
TI Survey of the furosine content in cheeses marketed in Spain
AU Villamiel, Mar; Arias, Maria; Corzo, Nieves; Olano, Agustin
CS Instituto de Fermentaciones Industriales (C.S.I.C.), Madrid, E-28006, Spain
SO Journal of Food Protection (2000), 63(7), 974-975
CODEN: JFPRDR; ISSN: 0362-028X
PB International Association for Food Protection
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: ANT (Analyte); OCU (Occurrence, unclassified); POL (Pollutant); ANST (Analytical study); OCCU (Occurrence)
(survey of furosine content in cheeses marketed in Spain)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 39 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2001:667380 CAPLUS
DN 135:356945
TI The Fluorescence of Advanced Maillard Products Is a Good Indicator of Lysine Damage during the Maillard Reaction
AU Leclere, Juliette; Birlouez-Aragon, Ines
CS Laboratoire de Chimie Analytique, Institut National Agronomique Paris-Grignon, Paris, 75231, Fr.
SO Journal of Agricultural and Food Chemistry (2001), 49(10), 4682-4687
CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
IT **19746-33-9, Furosine**

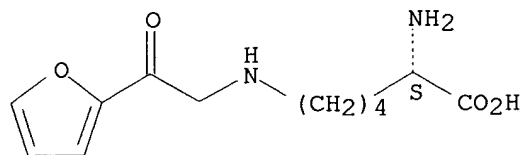
V. Balasubramanian

RL: FMU (Formation, unclassified); FORM (Formation, nonpreparative)
(fluorescence of advanced Maillard products as a good indicator of
lysine damage during Maillard reaction)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 40 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2001:599472 CAPLUS

DN 135:344334

TI A combination of Friedel-Crafts and Lawesson reactions to 5-substituted
2,2'-bithiophenes

AU Raposo, M. Manuela M.; Kirsch, G.

CS Departamento de Quimica, Universidade do Minho, Braga, 4710-057, Port.

SO Heterocycles (2001), 55(8), 1487-1498

CODEN: HTCYAM; ISSN: 0385-5414

PB Japan Institute of Heterocyclic Chemistry

DT Journal

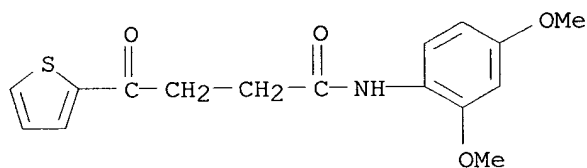
LA English

IT **371149-33-6P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 371149-33-6 CAPLUS

CN 2-Thiophenebutanamide, N-(2,4-dimethoxyphenyl)-.gamma.-oxo- (9CI) (CA
INDEX NAME)



IT **371149-32-5P**

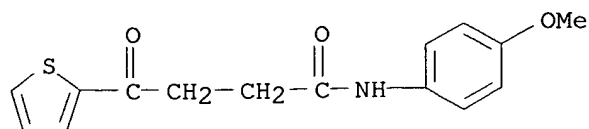
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

(prepn. of 2,2'-bithiophenes via Friedel-Crafts reaction and Lawesson
reaction)

RN 371149-32-5 CAPLUS

CN 2-Thiophenebutanamide, N-(4-methoxyphenyl)-.gamma.-oxo- (9CI) (CA INDEX
NAME)

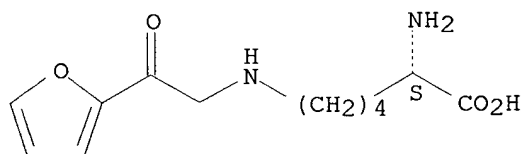
V. Balasubramanian



RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 41 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2001:585578 CAPLUS
DN 135:256382
TI Formation kinetics of hydroxymethylfurfural, lactulose and furosine in
milk heated under isothermal and non-isothermal conditions
AU Claeys, Wendie L.; Ludikhuyze, Linda R.; Hendrickx, Marc E.
CS Department of Food and Microbial Technology, Faculty of Agricultural and
Applied Biological Sciences, Katholieke Universiteit Leuven, Heverlee,
B-3001, Belg.
SO Journal of Dairy Research (2001), 68(2), 287-301
CODEN: JDRSAN; ISSN: 0022-0299
PB Cambridge University Press
DT Journal
LA English
IT 19746-33-9, Furosine
RL: FMU (Formation, unclassified); FORM (Formation, nonpreparative)
(formation kinetics of hydroxymethylfurfural, lactulose and furosine in
milk heated under isothermal and non-isothermal conditions)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



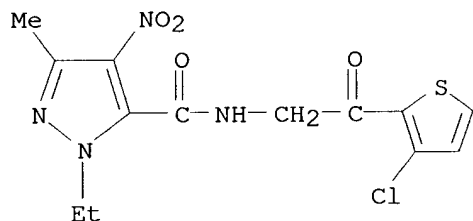
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 42 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2001:507702 CAPLUS
DN 135:92660
TI Preparation of substituted pyrazolo[4,3-e][1,4]diazepines as
phosphodiesterase 4 inhibitors for treatment of obstructive
bronchopneumopathy and asthma
IN Burnouf, Catherine; Berecibar, Amaya; Navet, Michel
PA Warner-Lambert Company, USA
SO PCT Int. Appl., 211 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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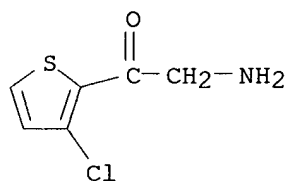
V. Balasubramanian

PI WO 2001049689 A2 20010712 WO 2000-EP13380 20001227
WO 2001049689 A3 20011220
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
FR 2803299 A1 20010706 FR 2000-95 20000105
EP 1248787 A2 20021016 EP 2000-991657 20001227
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
BR 2000016926 A 20021119 BR 2000-16926 20001227
NO 2002003249 A 20020904 NO 2002-3249 20020704
PRAI FR 2000-95 A 20000105
WO 2000-EP13380 W 20001227
OS MARPAT 135:92660
IT **349494-98-0P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(intermediate; prepn. of substituted pyrazolo[4,3-e][1,4]diazepines as
phosphodiesterase IV inhibitors for treatment of inflammatory diseases,
such as obstructive bronchopneumopathy and asthma)
RN 349494-98-0 CAPLUS
CN 1H-Pyrazole-5-carboxamide, N-[2-(3-chloro-2-thienyl)-2-oxoethyl]-1-ethyl-3-
methyl-4-nitro- (9CI) (CA INDEX NAME)



IT **349494-97-9**
RL: RCT (Reactant); RACT (Reactant or reagent)
(reactant; prepn. of substituted pyrazolo[4,3-e][1,4]diazepines as
phosphodiesterase IV inhibitors for treatment of inflammatory diseases,
such as obstructive bronchopneumopathy and asthma)
RN 349494-97-9 CAPLUS
CN Ethanone, 2-amino-1-(3-chloro-2-thienyl)-, hydrochloride (9CI) (CA INDEX
NAME)

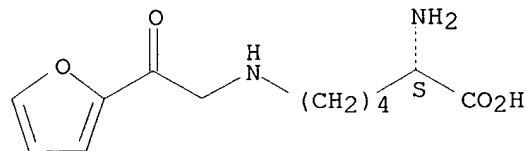
V. Balasubramanian



● HCl

LS ANSWER 43 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2001:392972 CAPLUS
DN 135:91858
TI Presence of furosine in honeys
AU Villamiel, Mar; Del Castillo, M. Dolores; Corzo, Nieves; Olano, Agustin
CS Instituto de Fermentaciones Industriales (CSIC), Madrid, E-28006, Spain
SO Journal of the Science of Food and Agriculture (2001), 81(8), 790-793
CODEN: JSFAAE; ISSN: 0022-5142
PB John Wiley & Sons Ltd.
DT Journal
LA English
IT **19746-33-9**, furosine
RL: POL (Pollutant); RCT (Reactant); OCCU (Occurrence); RACT (Reactant or reagent)
(furosine as indicator to detect overheating during honey manuf)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA-INDEX NAME)

Absolute stereochemistry.



RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LS ANSWER 44 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2001:367271 CAPLUS
DN 134:339697
TI Characterization of UHT low-lactose milk by innovative analytical methods
AU Corradini, Claudio; Canali, Giovanni; Nicoletti, Isabella; Biondi, Augusto; Vinci, Giuliana
CS Ist. Cromatografia, C.N.R., Rome, 00016, Italy
SO Industrie Alimentari (Pinerolo, Italy) (2001), 40(401), 261-266, 271
CODEN: INALBB; ISSN: 0019-901X
PB Chiriotti Editori spa
DT Journal
LA Italian
IT **19746-33-9**, Furosine
RL: ANT (Analyte); FFD (Food or feed use); ANST (Analytical study); BIOL

V. Balasubramanian

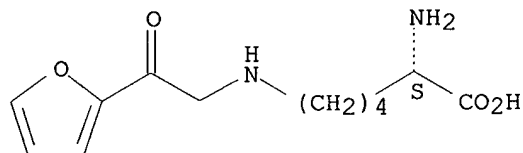
(Biological study); USES (Uses)

(furosine, carbohydrates and proteins anal. in UHT-pasteurized
low-lactose milk samples by reversed-phase HPLC and MS)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 45 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2001:340819 CAPLUS

DN 135:180499

TI Investigation of the fluorescent properties of 2-acylthiophene derivatives
in solid state

AU Kishi, Yutaka; Nakazawa, Ken-ichi; Kameda, Tomoko; Kumamoto, Takanobu;
Tsuboi, Ichiro; Nakamura, Ken-ichiro

CS Department of Chemistry, School of Science, Tokai University, Japan

SO Proceedings of the School of Science of Tokai University (2001), 36, 75-91
CODEN: PSCUER; ISSN: 0919-5025

PB Tokai University, School of Science

DT Journal

LA Japanese

IT 354800-09-2P 354800-10-5P 354800-11-6P

354800-13-8P 354800-14-9P 354800-15-0P

354800-17-2P 354800-18-3P 354800-19-4P

354800-20-7P 354800-22-9P 354800-23-0P

354800-26-3P 354800-27-4P 354800-28-5P

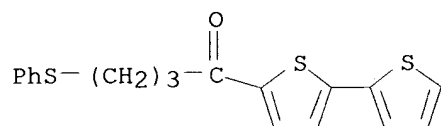
354800-29-6P 354800-31-0P 354800-32-1P

354800-33-2P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(investigation of the fluorescent properties of 2-acylthiophene derivs.
in solid state)

RN 354800-09-2 CAPLUS

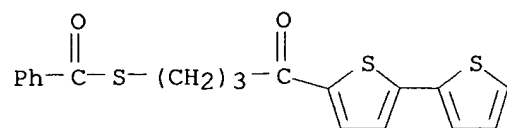
CN 1-Butanone, 1-[2,2'-bithiophen]-5-yl-4-(phenylthio)- (9CI) (CA INDEX
NAME)



RN 354800-10-5 CAPLUS

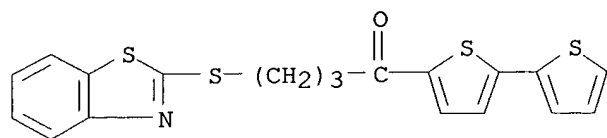
CN Benzenecarbothioic acid, S-(4-[2,2'-bithiophen]-5-yl-4-oxobutyl) ester
(9CI) (CA INDEX NAME)

V. Balasubramanian



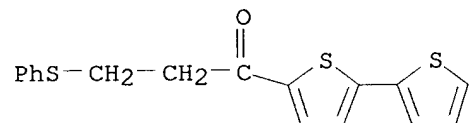
RN 354800-11-6 CAPLUS

CN 1-Butanone, 4-(2-benzothiazolylthio)-1-[2,2'-bithiophen]-5-yl- (9CI) (CA INDEX NAME)



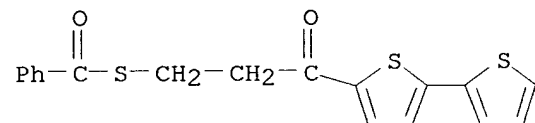
RN 354800-13-8 CAPLUS

CN 1-Propanone, 1-[2,2'-bithiophen]-5-yl-3-(phenylthio)- (9CI) (CA INDEX NAME)



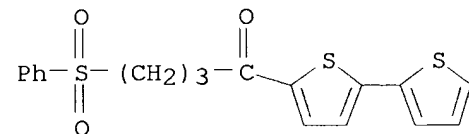
RN 354800-14-9 CAPLUS

CN Benzenecarbothioic acid, S-(3-[2,2'-bithiophen]-5-yl-3-oxopropyl) ester (9CI) (CA INDEX NAME)



RN 354800-15-0 CAPLUS

CN 1-Butanone, 1-[2,2'-bithiophen]-5-yl-4-(phenylsulfonyl)- (9CI) (CA INDEX NAME)

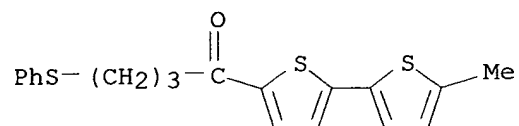


RN 354800-17-2 CAPLUS

CN 1-Butanone, 1-(5'-methyl[2,2'-bithiophen]-5-yl)-4-(phenylthio)- (9CI) (CA INDEX NAME)

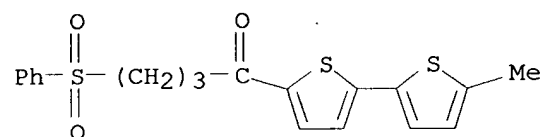
V. Balasubramanian

INDEX NAME)



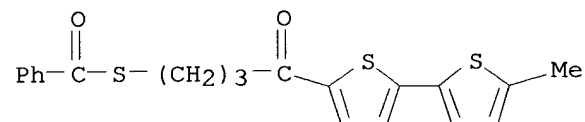
RN 354800-18-3 CAPLUS

CN 1-Butanone, 1-(5'-methyl[2,2'-bithiophen]-5-yl)-4-(phenylsulfonyl)- (9CI)
(CA INDEX NAME)



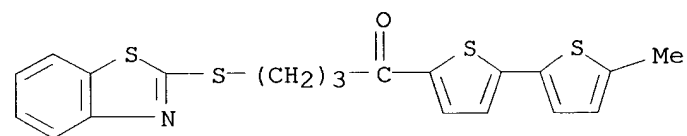
RN 354800-19-4 CAPLUS

CN Benzenecarbothioic acid, S-[4-(5'-methyl[2,2'-bithiophen]-5-yl)-4-oxobutyl] ester (9CI) (CA INDEX NAME)



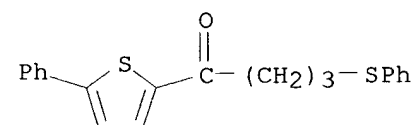
RN 354800-20-7 CAPLUS

CN 1-Butanone, 4-(2-benzothiazolylthio)-1-(5'-methyl[2,2'-bithiophen]-5-yl)- (9CI) (CA INDEX NAME)



RN 354800-22-9 CAPLUS

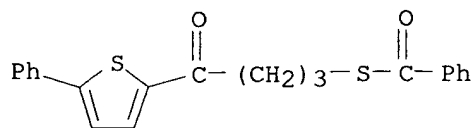
CN 1-Butanone, 1-(5-phenyl-2-thienyl)-4-(phenylthio)- (9CI) (CA INDEX NAME)



RN 354800-23-0 CAPLUS

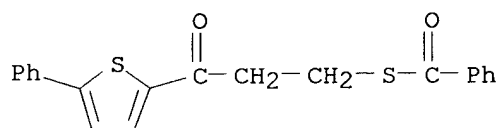
V. Balasubramanian

CN Benzenecarbothioic acid, S-[4-oxo-4-(5-phenyl-2-thienyl)butyl] ester (9CI)
(CA INDEX NAME)



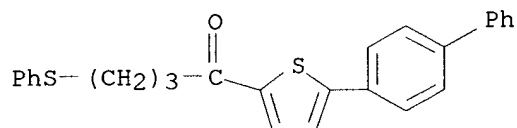
RN 354800-26-3 CAPLUS

CN Benzenecarbothioic acid, S-[3-oxo-3-(5-phenyl-2-thienyl)propyl] ester
(9CI) (CA INDEX NAME)



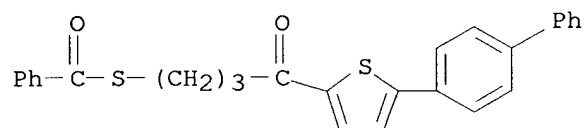
RN 354800-27-4 CAPLUS

CN 1-Butanone, 1-(5-[1,1'-biphenyl]-4-yl-2-thienyl)-4-(phenylthio)- (9CI)
(CA INDEX NAME)



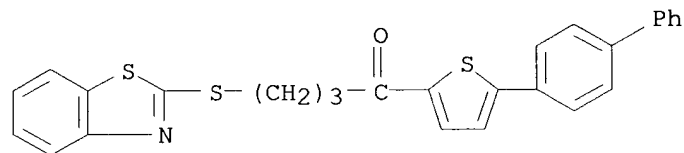
RN 354800-28-5 CAPLUS

CN Benzenecarbothioic acid, S-[4-(5-[1,1'-biphenyl]-4-yl-2-thienyl)-4-oxobutyl] ester (9CI) (CA INDEX NAME)



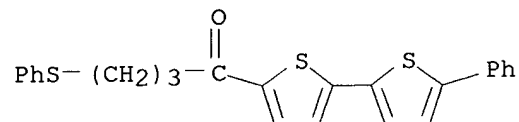
RN 354800-29-6 CAPLUS

CN 1-Butanone, 4-(2-benzothiazolylthio)-1-(5-[1,1'-biphenyl]-4-yl-2-thienyl)-
(9CI) (CA INDEX NAME)

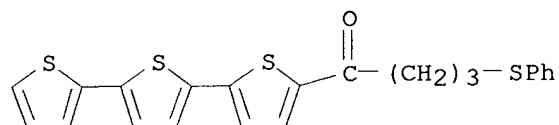


V. Balasubramanian

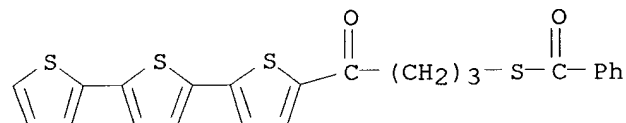
RN 354800-31-0 CAPLUS
CN 1-Butanone, 1-(5'-phenyl[2,2'-bithiophen]-5-yl)-4-(phenylthio)- (9CI) (CA INDEX NAME)



RN 354800-32-1 CAPLUS
CN 1-Butanone, 4-(phenylthio)-1-[2,2':5',2''-terthiophen]-5-yl- (9CI) (CA INDEX NAME)



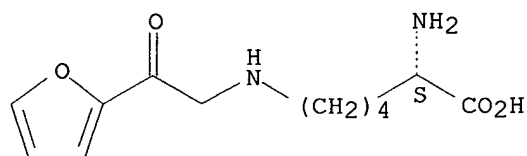
RN 354800-33-2 CAPLUS
CN Benzenecarbothioic acid, S-(4-oxo-4-[2,2':5',2''-terthiophen]-5-ylbutyl) ester (9CI) (CA INDEX NAME)



L5 ANSWER 46 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2001:334246 CAPLUS
DN 135:194874
TI Does processing of a powder or in-bottle-sterilized liquid infant formula affect calcium bioavailability?
AU Sarria, Beatriz; Lopez-Fandino, Rosino; Vaquero, Maria Pilar
CS Facultad de Farmacia, Instituto de Nutricion y Bromatologia (CSIC-UCM), Madrid, 28040, Spain
SO Nutrition (New York, NY, United States) (2001), 17(4), 326-331
CODEN: NUTRER; ISSN: 0899-9007
PB Elsevier Science Inc.
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: FFD (Food or feed use); BIOL (Biological study); USES (Uses)
(dietary calcium bioavailability from powder and in-bottle-sterilized liq. infant formulas in vitro and in rat pups)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

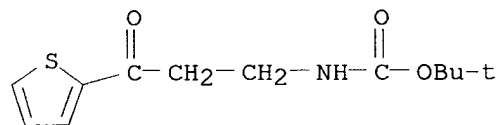
V. Balasubramanian

Absolute stereochemistry.



RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 47 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2001:330712 CAPLUS
DN 135:137374
TI Synthesis of .beta.-amino aryl ketones through the addition of ArLi derivatives to .beta.-amino esters
AU Lima, P. G.; Sequeira, L. C.; Costa, P. R. R.
CS Nucleo de Pesquisas de Produtos Naturais, Laboratorio de Quimica Bioorganica (LQB), Universidade Federal do Rio de Janeiro (UFRJ), Rio de Janeiro, 21941-590, Brazil
SO Tetrahedron Letters (2001), 42(21), 3525-3527
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 135:137374
IT **351901-55-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(synthesis of .beta.-amino aryl ketones through the addn. of aryllithium derivs. to .beta.-amino esters)
RN 351901-55-8 CAPLUS
CN Carbamic acid, [3-oxo-3-(2-thienyl)propyl]-, 1,1-dimethylethyl ester (9CI)
(CA INDEX NAME)



RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

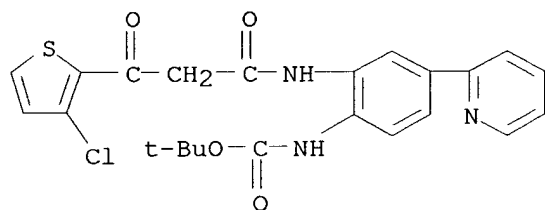
L5 ANSWER 48 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2001:300693 CAPLUS
DN 134:311235
TI Preparation of benzodiazepine derivatives as metabotropic glutamate receptor antagonists
IN Adam, Geo; Alanine, Alexander; Goetschi, Erwin; Mutel, Vincent; Woltering, Thomas Johannes
PA F. Hoffmann-La Roche Ag, Switz.
SO PCT Int. Appl., 142 pp.
CODEN: PIXXD2
DT Patent
LA English

09/817,374

V. Balasubramanian

FAN.CNT 1

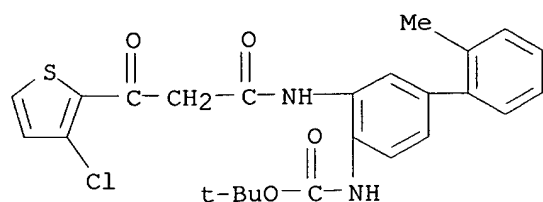
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001029012	A2	20010426	WO 2000-EP9554	20000929
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	EP 1224175	A2	20020724	EP 2000-971302	20000929
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
	US 6509328	B1	20030121	US 2000-687241	20001013
	NO 2002001691	A	20020410	NO 2002-1691	20020410
PRAI	EP 1999-120519	A	19991015		
	WO 2000-EP9554	W	20000929		
OS	MARPAT 134:311235				
IT	335256-59-2P 335256-63-8P 335256-66-1P 335256-67-2P 335256-69-4P 335256-73-0P 335257-01-7P 335257-02-8P 335257-08-4P 335257-16-4P RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (intermediate; prepn. of benzodiazepine derivs. as metabotropic glutamate receptor antagonists for treating or preventing acute and/or chronic neurol. disorders)				
RN	335256-59-2 CAPLUS				
CN	Carbamic acid, [2-[[3-(3-chloro-2-thienyl)-1,3-dioxopropyl]amino]-4-(2-pyridinyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)				



RN 335256-63-8 CAPLUS

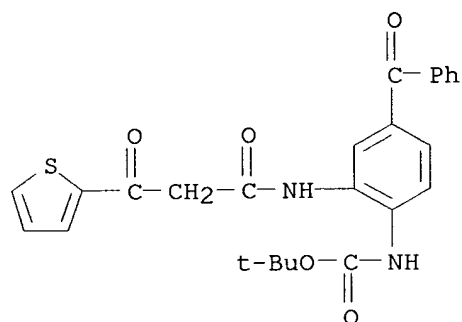
CN Carbamic acid, [3-[[3-(3-chloro-2-thienyl)-1,3-dioxopropyl]amino]-2'-methyl[1,1'-biphenyl]-4-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

V. Balasubramanian



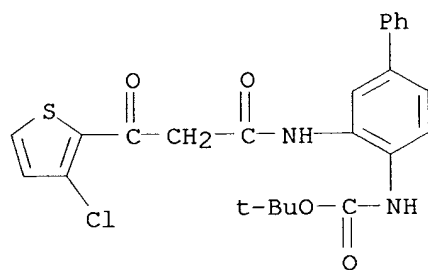
RN 335256-66-1 CAPLUS

CN Carbamic acid, [4-benzoyl-2-[[1,3-dioxo-3-(2-thienyl)propyl]amino]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 335256-67-2 CAPLUS

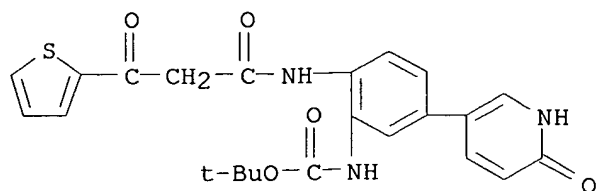
CN Carbamic acid, [3-[[3-(3-chloro-2-thienyl)-1,3-dioxopropyl]amino][1,1'-biphenyl]-4-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 335256-69-4 CAPLUS

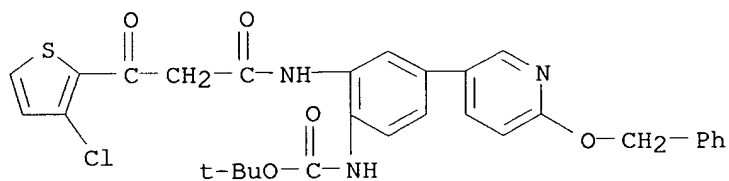
CN Carbamic acid, [5-(1,6-dihydro-6-oxo-3-pyridinyl)-2-[[1,3-dioxo-3-(2-thienyl)propyl]amino]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

V. Balasubramanian



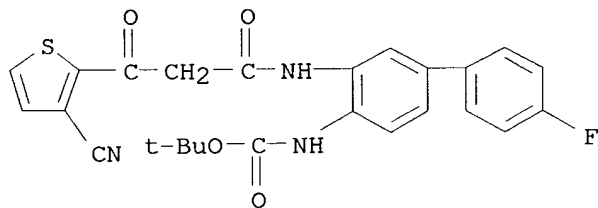
RN 335256-73-0 CAPLUS

CN Carbamic acid, [2-[[3-(3-chloro-2-thienyl)-1,3-dioxopropyl]amino]-4-[6-(phenylmethoxy)-3-pyridinyl]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



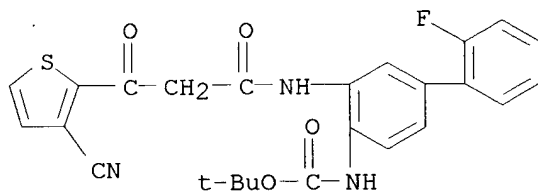
RN 335257-01-7 CAPLUS

CN Carbamic acid, [3-[[3-(3-cyano-2-thienyl)-1,3-dioxopropyl]amino]-4'-fluoro[1,1'-biphenyl]-4-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 335257-02-8 CAPLUS

CN Carbamic acid, [3-[[3-(3-cyano-2-thienyl)-1,3-dioxopropyl]amino]-2'-fluoro[1,1'-biphenyl]-4-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

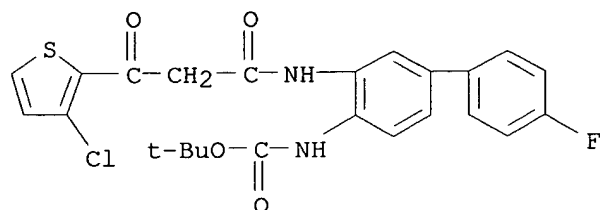


RN 335257-08-4 CAPLUS

CN Carbamic acid, [3-[[3-(3-chloro-2-thienyl)-1,3-dioxopropyl]amino]-4'-fluoro[1,1'-biphenyl]-4-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

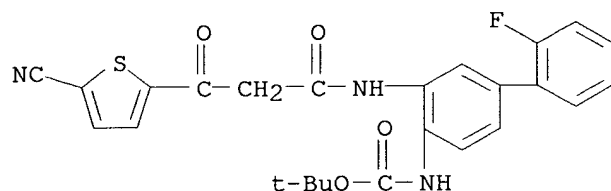
V. Balasubramanian

NAME)



RN 335257-16-4 CAPLUS

CN Carbamic acid, [3-[[3-(5-cyano-2-thienyl)-1,3-dioxopropyl]amino]-2'-fluoro[1,1'-biphenyl]-4-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



L5 ANSWER 49 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2001:300692 CAPLUS

DN 134:311234

TI Preparation of benzodiazepine derivatives as metabotropic glutamate receptor antagonists

IN Adam, Geo; Alanine, Alexander; Goetschi, Erwin; Mutel, Vincent; Woltering, Thomas Johannes

PA F. Hoffmann-La Roche Ag, Switz.

SO PCT Int. Appl., 140 pp.

CODEN: PIXXD2

DT Patent

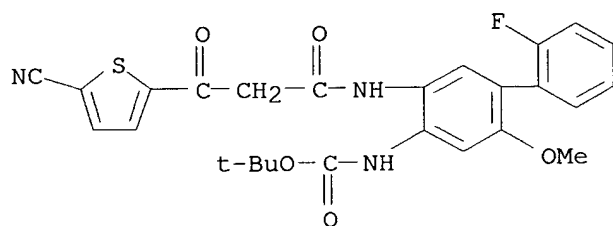
LA English

FAN.CNT 1

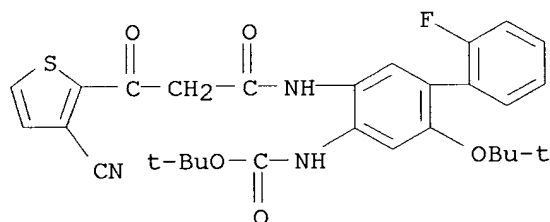
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001029011	A2	20010426	WO 2000-EP9553	20000929
	W:				
	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	BR 2000014859	A	20020716	BR 2000-14859	20000929
	EP 1224174	A2	20020724	EP 2000-969347	20000929
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				

V. Balasubramanian

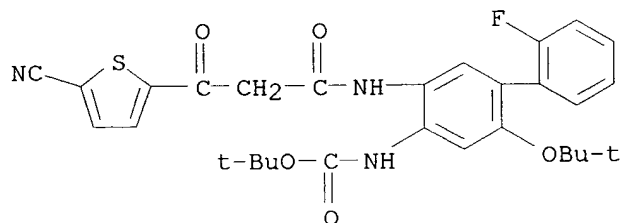
US 6407094 B1 20020618 US 2000-687240 20001013
NO 2002001690 A 20020410 NO 2002-1690 20020410
PRAI EP 1999-120520 A 19991015
WO 2000-EP9553 W 20000929
OS MARPAT 134:311234
IT **335351-84-3P 335351-98-9P 335351-99-0P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(intermediate; prepn. of benzodiazepine derivs. as metabotropic
glutamate receptor antagonists for treating or preventing acute and/or
chronic neurol. disorders)
RN 335351-84-3 CAPLUS
CN Carbamic acid, [5-[[3-(5-cyano-2-thienyl)-1,3-dioxopropyl]amino]-2'-fluoro-
2-methoxy[1,1'-biphenyl]-4-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX
NAME)



RN 335351-98-9 CAPLUS
CN Carbamic acid, [5-[[3-(3-cyano-2-thienyl)-1,3-dioxopropyl]amino]-2-(1,1-
dimethylethoxy)-2'-fluoro[1,1'-biphenyl]-4-yl]-, 1,1-dimethylethyl ester
(9CI) (CA INDEX NAME)



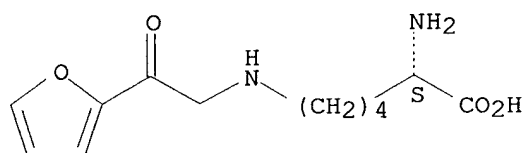
RN 335351-99-0 CAPLUS
CN Carbamic acid, [5-[[3-(5-cyano-2-thienyl)-1,3-dioxopropyl]amino]-2-(1,1-
dimethylethoxy)-2'-fluoro[1,1'-biphenyl]-4-yl]-, 1,1-dimethylethyl ester
(9CI) (CA INDEX NAME)



V. Balasubramanian

L5 ANSWER 50 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2001:263016 CAPLUS
DN 135:32964
TI Effect of toasting time on the browning of sliced bread
AU Ramirez-Jimenez, Antonio; Garcia-Villanova, Belen; Guerra-Hernandez, Eduardo
CS Departamento de Nutricion y Bromatologia, Facultad de Farmacia, Universidad de Granada, Granada, 18012, Spain
SO Journal of the Science of Food and Agriculture (2001), 81(5), 513-518
CODEN: JSFAAE; ISSN: 0022-5142
PB John Wiley & Sons Ltd.
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
(toasting time effect on browning of sliced bread)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

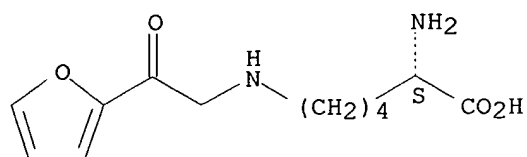


RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 51 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2001:140856 CAPLUS
DN 134:294823
TI The influence of batch-pasteurisation on Maillard reaction in sweetened milk products with modified carbohydrate content
AU Braekman, A.; Mortier, L.; Van Renterghem, R.; De Block, J.
CS Traders and Agriculture Agricultural Research Centre-Ghent Department of Animal Product Quality and Transformation Technology CLO-DVK, Ministry of Small Enterprises, Melle, B-9090, Belg.
SO Milchwissenschaft (2001), 56(1), 3-6
CODEN: MILCAD; ISSN: 0026-3788
PB VV-GmbH Volkswirtschaftlicher Verlag
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: FMU (Formation, unclassified); FORM (Formation, nonpreparative)
(batch-pasteurization effect on Maillard reaction in sweetened milk products with modified carbohydrate content)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

V. Balasubramanian



RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 52 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2001:114982 CAPLUS
DN 134:173028
TI Cyclic amine CCR3 antagonists
IN Shiota, Tatsuki; Sudoh, Masaki; Yokoyama, Tomonori; Muroga, Yumiko;
Kamimura, Takashi; Nakanishi, Akinobu
PA Teijin Ltd., Japan
SO PCT Int. Appl., 263 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001010439	A1	20010215	WO 2000-JP5260	20000804
	W:				
				AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,	
				CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,	
				HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,	
				LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,	
				SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,	
				YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	
	RW:				
				GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,	
				DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,	
				CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG	
	EP 1201239	A1	20020502	EP 2000-950006	20000804
	R:				
				AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, MC, IE, SI,	
				LT, LV, FI, RO, MK, CY, AL	
PRAI	JP 1999-220864	A	19990804		
	WO 2000-JP5260	W	20000804		

OS MARPAT 134:173028

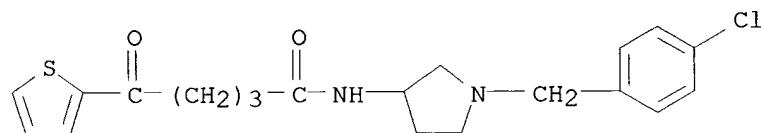
IT 226228-19-9

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(cyclic amine CCR3 antagonists as antiasthmatics and allergy inhibitors)

RN 226228-19-9 CAPLUS

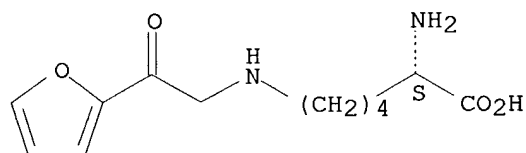
CN 2-Thiophenepentanamide, N-[1-[(4-chlorophenyl)methyl]-3-pyrrolidinyl]-.delta.-oxo- (9CI) (CA INDEX NAME)



RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 53 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2001:104850 CAPLUS
DN 134:279746
TI Rapid identification of some markers of milk quality by mass spectrometry
MALDI-tof
AU Vinci, Giuliana; Biondi, A.; Tantini, C.; Chiacchierini, E.
CS Dip. Controlle Gestione delle Merci, Univ. degli Studi La Sapienza, Rome,
00161, Italy
SO Rivista di Scienza dell'Alimentazione (2000), 29(2), 131-138
CODEN: RSAIE3; ISSN: 1126-9480
PB Fondazione per lo Studio degli Alimenti e della Nutrizione
DT Journal
LA Italian
IT **19746-33-9, Furosine**
RL: ANT (Analyte); FFD (Food or feed use); ANST (Analytical study); BIOL
(Biological study); USES (Uses)
(protein and other markers of milk quality after heat treatment and
preservation as detd. by MS MALDI-tof technique)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 54 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2001:78379 CAPLUS
DN 134:147492
TI Benzothiophene derivatives useful as GluR6 antagonists for treatment of
CNS disorders, and their preparation and pharmaceutical formulations
IN Baker, Stephen Richard; Bleakman, David; Dominguez Fernandez, Carmen;
Rubio Esteban, Almudena; Dominguez Manzanares, Esteban
PA Eli Lilly and Company, USA
SO PCT Int. Appl., 52 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001007431	A2	20010201	WO 2000-US16334	20000718
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,				

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YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRAI EP 1999-500123 A 19990721

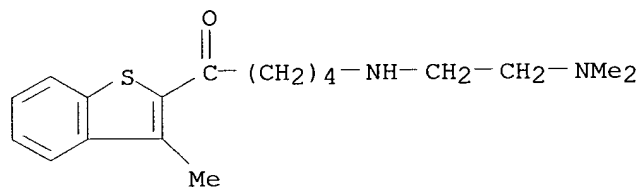
OS MARPAT 134:147492

IT **323176-48-3P**, 2-[5-[[2-(Dimethylamino)ethyl]amino]-1-oxopentyl]-3-methylbenzothiophene dihydrochloride **323176-55-2P**,
2-[3-(4-Pyridylamino)-1-oxopropyl]-3-methylbenzothiophene dihydrochloride
323176-57-4P, 2-[3-(3-Pyridylamino)-1-oxopropyl]-3-methylbenzothiophene dihydrochloride **323176-70-1P**,
2-[3-(2-Pyridylamino)-1-oxopropyl]-3-methylbenzothiophene
323176-76-7P, 2-[3-(4-Pyridyl)amino-1-oxopropyl]-3-methylbenzothiophene

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; prepn. of benzothiophene derivs. as GluR6 antagonists for treatment of CNS disorders)

RN 323176-48-3 CAPLUS

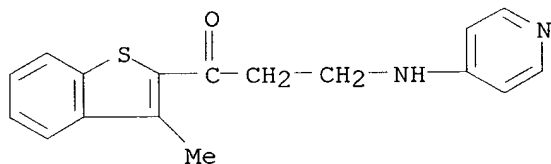
CN 1-Pentanone, 5-[[2-(dimethylamino)ethyl]amino]-1-(3-methylbenzo[b]thien-2-yl)-, dihydrochloride (9CI) (CA INDEX NAME)



● 2 HCl

RN 323176-55-2 CAPLUS

CN 1-Propanone, 1-(3-methylbenzo[b]thien-2-yl)-3-(4-pyridinylamino)-, dihydrochloride (9CI) (CA INDEX NAME)

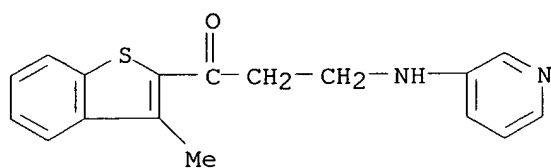


● 2 HCl

RN 323176-57-4 CAPLUS

CN 1-Propanone, 1-(3-methylbenzo[b]thien-2-yl)-3-(3-pyridinylamino)-, dihydrochloride (9CI) (CA INDEX NAME)

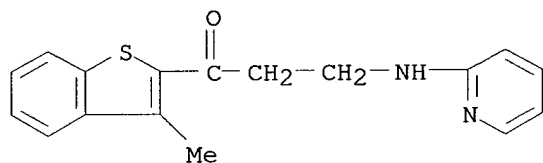
V. Balasubramanian



●2 HCl

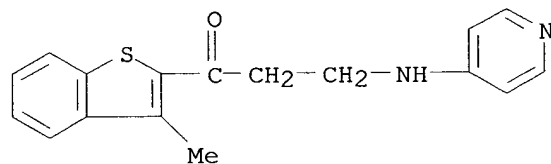
RN 323176-70-1 CAPLUS

CN 1-Propanone, 1-(3-methylbenzo[b]thien-2-yl)-3-(2-pyridinylamino)- (9CI)
(CA INDEX NAME)



RN 323176-76-7 CAPLUS

CN 1-Propanone, 1-(3-methylbenzo[b]thien-2-yl)-3-(4-pyridinylamino)- (9CI)
(CA INDEX NAME)



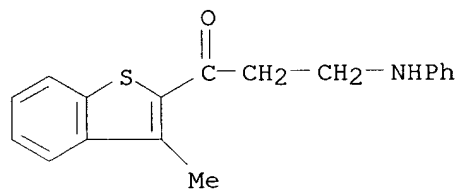
IT **323176-86-9P**, 2-(3-Phenylamino-1-oxopropyl)-3-methylbenzothiophene

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

(intermediate; prepn. of benzothiophene derivs. as GluR6 antagonists
for treatment of CNS disorders)

RN 323176-86-9 CAPLUS

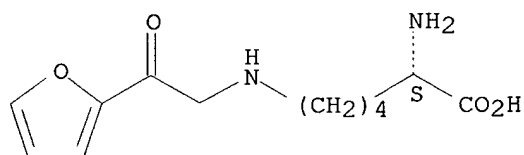
CN 1-Propanone, 1-(3-methylbenzo[b]thien-2-yl)-3-(phenylamino)- (9CI) (CA
INDEX NAME)



V. Balasubramanian

L5 ANSWER 55 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2001:9219 CAPLUS
DN 134:177620
TI Furosine and ribonucleosides: indicators for the heat treatment of milk
AU Clawin-Radecker, I.; Kiesner, C.; Martin, D.
CS Institute for Chemistry and Physics, Federal Dairy Research Centre, Kiel,
Germany
SO Milchwissenschaft (2000), 55(12), 679-682
CODEN: MILCAD; ISSN: 0026-3788
PB VV-GmbH Volkswirtschaftlicher Verlag
DT Journal
LA English
IT 19746-33-9, Furosine
RL: ANT (Analyte); BAC (Biological activity or effector, except adverse);
BSU (Biological study, unclassified); ANST (Analytical study); BIOL
(Biological study)
(indicators for heat treatment of milk)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 56 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:900448 CAPLUS
DN 134:56665
TI Preparation of amide substituted imidazoquinolines as immune response
modifiers
IN Coleman, Patrick L.; Crooks, Stephen L.; Lindstrom, Kyle J.; Merrill,
Bryon A.; Rice, Michael J.
PA 3m Innovative Properties Company, USA
SO PCT Int. Appl., 170 pp.
CODEN: PIXXD2
DT Patent
LA English

FAN.CNT 3

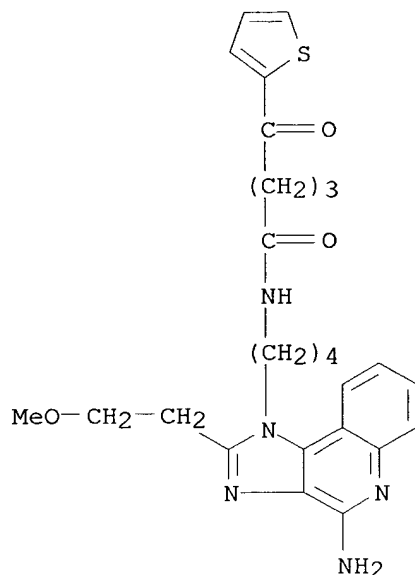
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000076505	A1	20001221	WO 2000-US15702	20000608
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,				

V. Balasubramanian

CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
US 6451810 B1 20020917 US 2000-589580 20000607
EP 1187613 A1 20020320 EP 2000-950215 20000608
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
JP 2003501466 T2 20030114 JP 2001-502838 20000608
NO 2001005503 A 20020208 NO 2001-5503 20011109
PRAI US 1999-138365P P 19990610
US 2000-589580 A 20000607
WO 2000-US15702 W 20000608
OS MARPAT 134:56665
IT **313349-81-4P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of amide substituted imidazoquinolines as immune response modifiers)
RN 313349-81-4 CAPLUS
CN 2-Thiophenepentanamide, N-[4-[4-amino-2-(2-methoxyethyl)-1H-imidazo[4,5-c]quinolin-1-yl]butyl]-.delta.-oxo-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

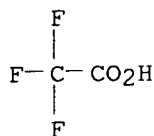
CM 1

CRN 313349-80-3
CMF C26 H31 N5 O3 S



CM 2
CRN 76-05-1
CMF C2 H F3 O2

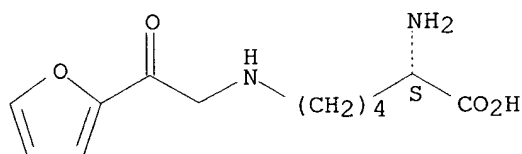
V. Balasubramanian



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 57 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:890700 CAPLUS
DN 134:162139
TI Changes in flavor and volatile components during storage of whole and skimmed UHT milk
AU Valero, E.; Villamiel, M.; Miralles, B.; Sanz, J.; Martinez-Castro, I.
CS Instituto de Quimica Organica General (CSIC), Madrid, 28006, Spain
SO Food Chemistry (2000), Volume Date 2001, 72(1), 51-58
 CODEN: FOCHDJ; ISSN: 0308-8146
PB Elsevier Science Ltd.
DT Journal
LA English
IT **19746-33-9, Furosine**
 RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
 (changes in flavor and volatile components during storage of whole and skimmed UHT milk)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 58 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:883553 CAPLUS
DN 134:310030
TI Maillard reaction indicators in commercial tomato products
AU Sanz, M. L.; Del Castillo, M. D.; Corzo, N.; Olano, A.
CS Instituto de Fermentaciones Industriales (C.S.I.C), Madrid, Spain
SO Czech Journal of Food Sciences (2000), 18(Spec. Issue), 120-121
 CODEN: CJFSFZ; ISSN: 1212-1800
PB Ceska Akademie Zemedelskych Ved
DT Journal
LA English
IT **19746-33-9, Furosine 248583-21-3**
 RL: BOC (Biological occurrence); BSU (Biological study, unclassified); FMU (Formation, unclassified); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence)

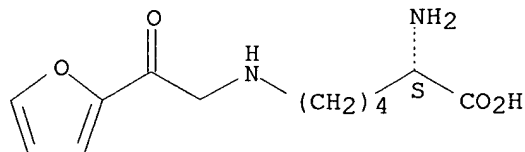
V. Balasubramanian

(in com. tomato products)

RN 19746-33-9 CAPLUS

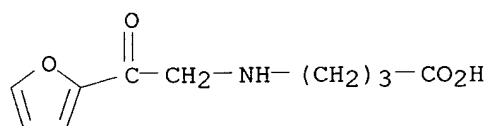
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 248583-21-3 CAPLUS

CN Butanoic acid, 4-[[2-(2-furanyl)-2-oxoethyl]amino]- (9CI) (CA INDEX NAME)



RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 59 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2000:824101 CAPLUS

DN 134:5154

TI Preparation of cyclic amine derivatives as remedies or preventives for diseases in association with chemokines or chemokine receptors

IN Shiota, Tatsuki; Miyagi, Fuminori; Kamimura, Takashi; Ohta, Tomohiro; Takano, Yasuhiro; Horiuchi, Hideki

PA Teijin Limited, Japan

SO PCT Int. Appl., 405 pp.

CODEN: PIXXD2

DT Patent

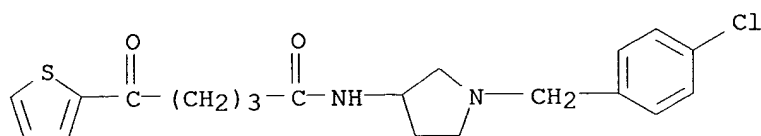
LA Japanese

FAN.CNT 1

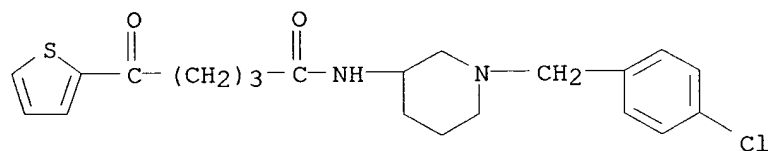
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000069432	A1	20001123	WO 2000-JP3203	20000518
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1179341	A1	20020213	EP 2000-927808	20000518
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, MC, PT, IE, SI, LT, LV, FI, RO			
	NO 2001005599	A	20011116	NO 2001-5599	20011116
PRAI	JP 1999-175856	A	19990518		
	JP 1999-251464	A	19990906		

V. Balasubramanian

WO 2000-JP3203 W 20000518
OS MARPAT 134:5154
IT **226228-19-9P 226229-66-9P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of cyclic amine derivs. as remedies or preventives for diseases in assocn. with chemokines or chemokine receptors)
RN 226228-19-9 CAPLUS
CN 2-Thiophenepentanamide, N-[1-[(4-chlorophenyl)methyl]-3-pyrrolidinyl]-.delta.-oxo- (9CI) (CA INDEX NAME)



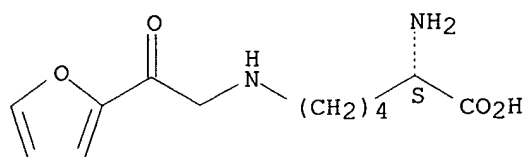
RN 226229-66-9 CAPLUS
CN 2-Thiophenepentanamide, N-[1-[(4-chlorophenyl)methyl]-3-piperidinyl]-.delta.-oxo- (9CI) (CA INDEX NAME)



RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 60 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:757171 CAPLUS
DN 134:70515
TI Degradation of Oligosaccharides in Nonenzymatic Browning by Formation of .alpha.-Dicarbonyl Compounds via a "Peeling Off" Mechanism
AU Hollnagel, Anke; Kroh, Lothar W.
CS Institut fuer Lebensmittelchemie, Technische Universitaet Berlin, Berlin, D-13355, Germany
SO Journal of Agricultural and Food Chemistry (2000), 48(12), 6219-6226
CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: FMU (Formation, unclassified); FORM (Formation, nonpreparative)
(formation from glycosylated glycine)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

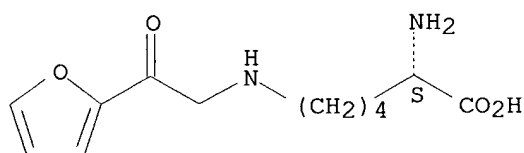
Absolute stereochemistry.



RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 61 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:679731 CAPLUS
DN 134:162024
TI Lactulose and furosine as indexes of the degree of heat treatment of milk and other food products
AU Kuncewicz, Andrzej; Panfil-Kuncewicz, Helena; Michalak, Joanna
CS Univ. Warminsko-Mazurski, Olsztyn, Pol.
SO Przemysl Spozywczy (2000), 54(5), 20-22,44
CODEN: PRSPAD; ISSN: 0033-250X
PB Wydawnictwo SIGMA-NOT
DT Journal; General Review
LA Polish
IT **19746-33-9, Furosine**
RL: ANT (Analyte); FFD (Food or feed use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(lactulose and furosine as indexes of degree of heat treatment of milk and other food products)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

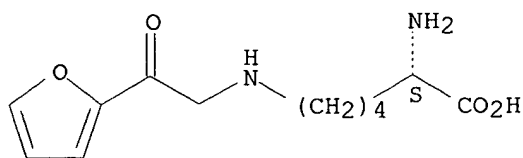


L5 ANSWER 62 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:643759 CAPLUS
DN 133:317268
TI Inhibitory activity of flavonoids and tannins against HIV-1 protease
AU Xu, Hong-Xi; Wan, Min; Dong, Hui; But, Paul Pui-Hay; Foo, Lai Yeap
CS Department of Biology and Institute of Chinese Medicine, The Chinese University of Hong Kong, Hong Kong, Hong Kong
SO Biological & Pharmaceutical Bulletin (2000), 23(9), 1072-1076
CODEN: BPBLEO; ISSN: 0918-6158
PB Pharmaceutical Society of Japan
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(inhibitory activity of flavonoids and tannins against HIV-1 protease)
RN 19746-33-9 CAPLUS

V. Balasubramanian

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

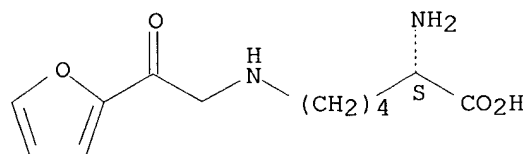
Absolute stereochemistry.



RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 63 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:630191 CAPLUS
DN 134:85282
TI Studies on the assay of furosine in domestic milk and milk products
AU Shin, P. K.; Ahn, Y. T.; Kim, H. U.
CS Lab. of Dairy Technology and Microbiology, Department of Animal science
and Technology, Seoul National University, Suwon, Kyungkido, 441-744, S.
Korea
SO Journal of Animal Science and Technology (2000), 42(3), 325-330
CODEN: JASTCC
PB Korean Society of Animal Sciences and Technology
DT Journal
LA Korean
IT **19746-33-9**, Furosine
RL: BOC (Biological occurrence); BSU (Biological study, unclassified);
BIOL (Biological study); OCCU (Occurrence)
(assay of, in domestic milk and milk products)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 64 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:615755 CAPLUS
DN 134:16719
TI The Maillard reaction during the ripening of Manchego cheese
AU Corzo, N.; Villamiel, M.; Arias, M.; Jimenez-Perez, S.; Morales, F. J.
CS Instituto de Fermentaciones Industriales, (C.S.I.C.), Madrid, 28006, Spain
SO Food Chemistry (2000), 71(2), 255-258
CODEN: FOCHDJ; ISSN: 0308-8146
PB Elsevier Science Ltd.
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL
(Biological study); PROC (Process)

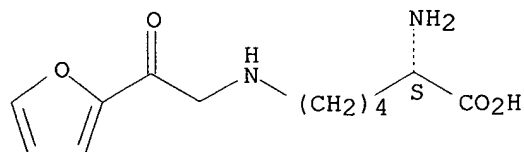
V. Balasubramanian

(Maillard reaction during ripening of Manchego cheese)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 65 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2000:609411 CAPLUS

DN 133:280822

TI Changes in furosine, free monosaccharides, and .beta.-lactoglobulin during storage of dried milk products

AU Villamiel, Mar; Corzo, Nieves

CS Instituto de Fermentaciones Industriales (CSIC), Madrid, 28006, Spain

SO Milchwissenschaft (2000), 55(2), 90-92

CODEN: MILCAD; ISSN: 0026-3788

PB VV-GmbH Volkswirtschaftlicher Verlag

DT Journal

LA English

IT 19746-33-9, Furosine

RL: BOC (Biological occurrence); BSU (Biological study, unclassified);

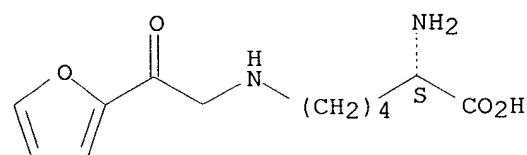
BIOL (Biological study); OCCU (Occurrence)

(changes in furosine, free monosaccharides, and .beta.-lactoglobulin of dried milk products stored under different temp. and water activities)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 66 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2000:601428 CAPLUS

DN 133:331310

TI Aglycone structure influences .alpha.-fucosyltransferase III activity using N-acetyllactosamine glycoside acceptors

AU Miura, Yoshiaki; Kim, Soohyun; Etchison, James R.; Ding, Yili; Hindsgaul, Ole; Freeze, Hudson H.

CS The Burnham Institute, La Jolla, CA, 92037, USA

SO Glycoconjugate Journal (2000), Volume Date 1999, 16(11), 725-730

CODEN: GLJOEW; ISSN: 0282-0080

V. Balasubramanian

PB Kluwer Academic Publishers

DT Journal

LA English

IT 304467-11-6

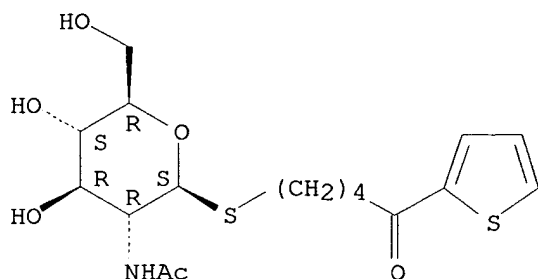
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)

(aglycon structure influences .alpha.-fucosyltransferase III activity using N-acetyllactosamine glycoside acceptors)

RN 304467-11-6 CAPLUS

CN 1-Pentanone, 5-[[2-(acetylamino)-2-deoxy-.beta.-D-glucopyranosyl]thio]-1-(2-thienyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 67 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2000:546715 CAPLUS

DN 133:265906

TI Use of 2-Furoylmethyl Derivatives of GABA and Arginine as Indicators of the Initial Steps of Maillard Reaction in Orange Juice

AU del Castillo, M. Dolores; Villamiel, Mar; Olano, Agustin; Corzo, Nieves

CS Instituto de Fermentaciones Industriales, C/Juan de la Cierva, Madrid, 28006, Spain

SO Journal of Agricultural and Food Chemistry (2000), 48(9), 4217-4220
CODEN: JAFCAU; ISSN: 0021-8561

PB American Chemical Society

DT Journal

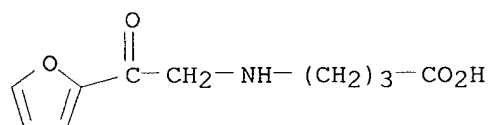
LA English

IT 248583-21-3 297166-97-3

RL: FMU (Formation, unclassified); FORM (Formation, nonpreparative)
(furoylmethyl derivs. of GABA and arginine as indicators of initial steps of Maillard reaction in orange juice)

RN 248583-21-3 CAPLUS

CN Butanoic acid, 4-[[2-(2-furanyl)-2-oxoethyl]amino]- (9CI) (CA INDEX NAME)



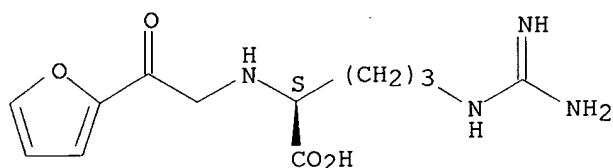
RN 297166-97-3 CAPLUS

09/817,374

V. Balasubramanian

CN L-Arginine, N2-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

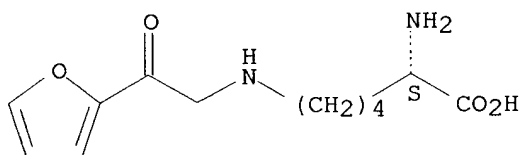
Absolute stereochemistry.



RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 68 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:523443 CAPLUS
DN 133:237075
TI Browning Indicators in Bread
AU Ramirez-Jimenez, A.; Guerra-Hernandez, E.; Garcia-Villanova, B.
CS Departamento de Nutricion y Bromatologia Facultad de Farmacia, Universidad de Granada, Granada, 18012, Spain
SO Journal of Agricultural and Food Chemistry (2000), 48(9), 4176-4181
CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
IT 19746-33-9, Furosine
RL: FMU (Formation, unclassified); FORM (Formation, nonpreparative)
(browning indicators in bread)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 69 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:443371 CAPLUS
DN 133:163352
TI Chemical changes during high-temperature short-time treatment of milk in an industrial-scale plant
AU Villamiel, Mar; Vazquez, Ana; Morais, F.; Corzo, Nieves
CS Instituto de Fermentaciones Industriales, C.S.I.C, Madrid, 28006, Spain
SO Milchwissenschaft (2000), 55(6), 320-322
CODEN: MILCAD; ISSN: 0026-3788
PB VV-GmbH Volkswirtschaftlicher Verlag
DT Journal
LA English
IT 19746-33-9, Furosine

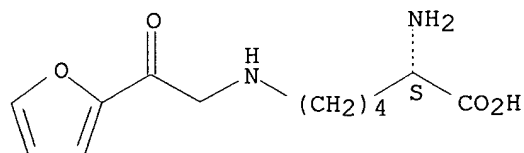
V. Balasubramanian

RL: BPR (Biological process); BSU (Biological study, unclassified); FMU (Formation, unclassified); BIOL (Biological study); FORM (Formation, nonpreparative); PROC (Process)
(chem. changes during high-temp. short-time treatment of milk)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 70 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2000:424391 CAPLUS

DN 133:308659

TI Mechanisms for the formation of glycosidation products in end-stage renal disease

AU Weiss, Miriam F.; Erhard, Penny; Kader-Attia, Fatma A.; Wu, Yu Ching; DeOreo, Peter B.; Araki, Atsushi; Glomb, Marcus A.; Monnier, Vincent M.
CS Division of Nephrology, Department of Medicine, University Hospitals of Cleveland, Cleveland, OH, USA

SO Kidney International (2000), 57(6), 2571-2585
CODEN: KDYIA5; ISSN: 0085-2538

PB Blackwell Science, Inc.

DT Journal

LA English

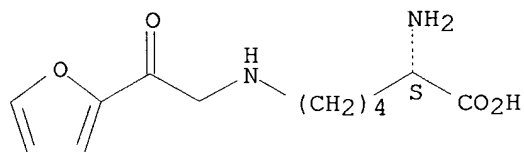
IT 19746-33-9, Furosine

RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(glycosidation. products formation in uremia influenced by dialysis in diabetic and non-diabetic patients)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 71 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 2000:377545 CAPLUS

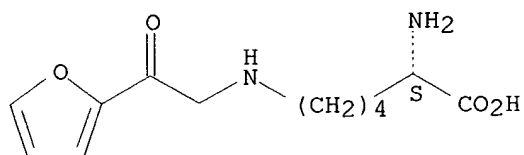
DN 133:176378

TI High-performance liquid chromatographic determination of Maillard compounds in store-brand and name-brand ultra-high-temperature-treated

V. Balasubramanian

cows' milk
AU Ferrer, E.; Alegria, A.; Courtois, G.; Farre, R.
CS Faculty of Pharmacy, Nutrition and Food Chemistry, University of Valencia,
Burjassot, 46100, Spain
SO Journal of Chromatography, A (2000), 881(1+2), 599-606
CODEN: JCRAEY; ISSN: 0021-9673
PB Elsevier Science B.V.
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: ANT (Analyte); BAC (Biological activity or effector, except adverse);
BSU (Biological study, unclassified); ANST (Analytical study); BIOL
(Biological study)
(HPLC detn. of Maillard compds. in store-brand and name-brand
ultra-high-temp.-treated cows' milk)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



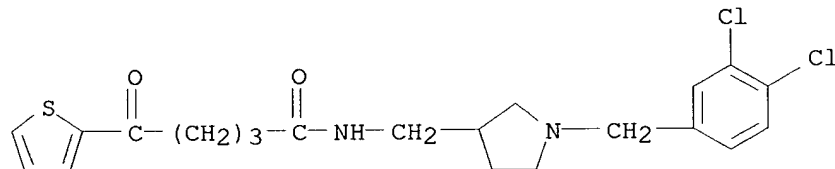
RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 72 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:366135 CAPLUS
DN 133:4595
TI Preparation of N-pyrrolidinylmethylalkanoamides and analogs as CCR-3
receptor antagonists
IN Rogers, Daniel Harry; Saunders, John; Williams, John Patrick
PA F. Hoffmann-La Roche A.-G., Switz.
SO Ger. Offen., 50 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

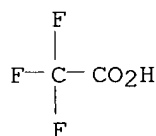
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19955794	A1	20000531	DE 1999-19955794	19991119
	WO 2000031032	A1	20000602	WO 1999-EP8665	19991111
	W:				
	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,				
	DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,				
	JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,				
	MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL,				
	TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,				
	MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,				
	DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				
	CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	BR 9915520	A	20010717	BR 1999-15520	19991111
	EP 1131288	A1	20010912	EP 1999-972623	19991111
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

V. Balasubramanian

IE, SI, LT, LV, FI, RO
JP 2002530374 T2 20020917 JP 2000-583860 19991111
GB 2343893 A1 20000524 GB 1999-27227 19991117
GB 2343893 B2 20020109
FR 2786185 A1 20000526 FR 1999-14495 19991118
US 6166015 A 20001226 US 1999-442656 19991118
ES 2158814 A1 20010901 ES 1999-2547 19991119
ES 2158814 B1 20020316
IT 1307900 B1 20011119 IT 1999-TO1009 19991119
NO 2001002411 A 20010516 NO 2001-2411 20010516
PRAI US 1998-109297P P 19981120
WO 1999-EP8665 W 19991111
OS MARPAT 133:4595
IT **270911-92-7P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of N-pyrrolidinylmethylalkanoamides and analogs as CCR-3 receptor antagonists)
RN 270911-92-7 CAPLUS
CN 2-Thiophenepentanamide, N-[[1-[(3,4-dichlorophenyl)methyl]-3-pyrrolidinyl)methyl]-.delta.-oxo-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)
CM 1
CRN 270911-91-6
CMF C21 H24 Cl2 N2 O2 S



CM 2
CRN 76-05-1
CMF C2 H F3 O2

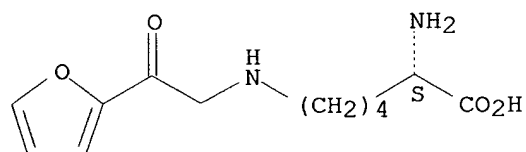


L5 ANSWER 73 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:322443 CAPLUS
DN 133:104146
TI Effect of durum wheat genotype and environment on the heat-damage of dried pasta

V. Balasubramanian

AU Boggini, G.; D'Egidio, M. G.; De Noni, I.; Pellegrino, L.; Racinelli, F.;
Pagani, M. A.
CS Experimental Institute for Cereal Crops, Rome, 00191, Italy
SO Journal of Genetics & Breeding (1999), 53(4), 337-347
CODEN: JGBREX; ISSN: 0394-9257
PB Experimental Institute for Cereal Research
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: BOC (Biological occurrence); BSU (Biological study, unclassified);
BIOL (Biological study); OCCU (Occurrence)
(effect of durum wheat genotype and environment on the heat-damage of
dried pasta)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



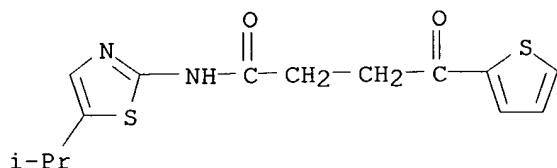
RE.CNT 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 74 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:314687 CAPLUS
DN 132:334454
TI Preparation of 2-amino-thiazole derivatives as antitumor agents
IN Pevarello, Paolo; Amici, Raffaella; Traquandi, Gabriella; Villa, Manuela;
Vulpetti, Anna; Isacchi, Antonella
PA Pharmacia & Upjohn S.p.A., Italy
SO PCT Int. Appl., 115 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000026202	A1	20000511	WO 1999-EP8306	19991027
	W:	AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1124810	A1	20010822	EP 1999-955931	19991027
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	BR 9914958	A	20011218	BR 1999-14958	19991027
	JP 2002528537	T2	20020903	JP 2000-579591	19991027
	NO 2001002057	A	20010628	NO 2001-2057	20010426
PRAI	GB 1998-23871	A	19981030		
	US 1998-823871	A	19981030		

V. Balasubramanian

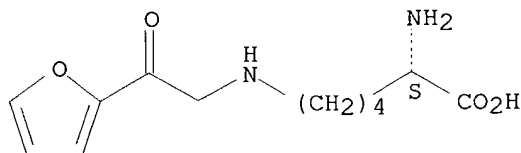
WO 1999-EP8306 W 19991027
OS MARPAT 132:334454
IT **267657-34-1P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of 2-amino-thiazole derivs. as antitumor agents)
RN 267657-34-1 CAPLUS
CN 2-Thiophenebutanamide, N-[5-(1-methylethyl)-2-thiazolyl]-.gamma.-oxo-
(9CI) (CA INDEX NAME)



RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 75 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:254345 CAPLUS
DN 133:134453
TI Distribution of alkaline phosphatase activity in the round side of Grana Padano cheese
AU Pellegrino, L.; Stroppa, A.
CS Dipartimento di Scienze e Tecnologie Alimentari e Microbiologiche (DISTAM), Universita degli Studi, Milan, Italy
SO Industria del Latte (1999), 35(1-2), 23-37
CODEN: INLADZ; ISSN: 0019-7513
PB Centro Sperimentale del Latte
DT Journal
LA Italian
IT **19746-33-9**, Furosine
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(distribution of alk. phosphatase activity in the round side of Grana Padano cheese)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



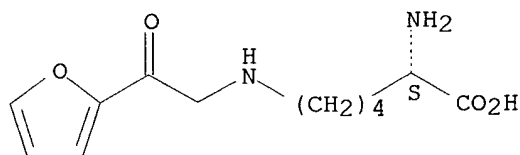
RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 76 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:243691 CAPLUS

V. Balasubramanian

DN 132:333572
TI Influence of maillard reaction on protein modification and color development in pasta. Comparison of different drying conditions
AU Acquistucci, Rita
CS National Institute of Nutrition, Rome, 00178, Italy
SO Lebensmittel-Wissenschaft und -Technologie (2000), 33(1), 48-52
CODEN: LBWTAP; ISSN: 0023-6438
PB Academic Press
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(influence of Maillard reaction on protein modification and color development in pasta, comparison of different drying conditions)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

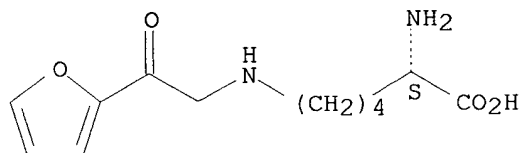
Absolute stereochemistry.



RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 77 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:235838 CAPLUS
DN 132:325232
TI A syndrome of molybdenosis, copper deficiency, and type 2 diabetes in the moose population of south-west Sweden
AU Frank, A.; Sell, D. R.; Danielsson, R.; Fogarty, J. F.; Monnier, V. M.
CS Faculty of Veterinary Medicine, Department of Clinical Chemistry, Swedish University of Agricultural Sciences, Uppsala, S-750 07, Swed.
SO Science of the Total Environment (2000), 249(1-3), 123-131
CODEN: STENDL; ISSN: 0048-9697
PB Elsevier Science Ireland Ltd.
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(molybdenosis and copper deficiency and diabetes in moose population of south-west Sweden)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



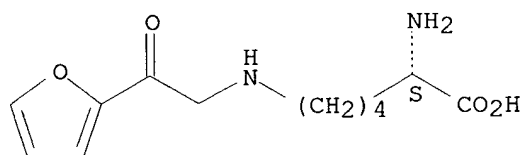
V. Balasubramanian

RE.CNT 61 THERE ARE 61 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 78 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:227447 CAPLUS
DN 132:250353
TI Process for controlling Maillard-type glycation of whey proteins and
 products with enhanced functional properties
IN Boland, Michael John; Hill, Jeremy Paul; Higgs, Kerianne Carol; Haggarty,
 Neill Ward; Campanella, Maria Estela Puchulu
PA New Zealand Dairy Research Institute, N. Z.
SO PCT Int. Appl., 53 pp.
 CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000018249	A1	20000406	WO 1999-NZ163	19990928
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9958873	A1	20000417	AU 1999-58873	19990928
PRAI	NZ 1998-332080	A	19980928		
	WO 1999-NZ163	W	19990928		
IT	19746-33-9, Furosine				
	RL: ANT (Analyte); ANST (Analytical study)				
	(process for controlling Maillard-type glycation of whey proteins and products with enhanced functional properties)				
RN	19746-33-9 CAPLUS				
CN	L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)				

Absolute stereochemistry.



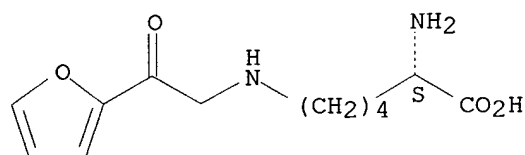
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 79 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:203953 CAPLUS
DN 133:88695
TI Protein nutritive utilization in rats fed powder and liquid infant
 formulas
AU Sarria, B.; Lopez-Fandino, R.; Vaquero, M. P.
CS Instituto de Nutricion y Bromatologia (CSIC-UCM), Facultad de Farmacia,

V. Balasubramanian

Madrid, 28040, Spain
SO Food Science and Technology International (Frederick, Maryland) (2000),
6(1), 9-16
CODEN: FSTIFZ; ISSN: 1082-0132
PB Aspen Publishers, Inc.
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL
(Biological study); PROC (Process)
(protein nutritive utilization in response to powder and liq. infant
formulas)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

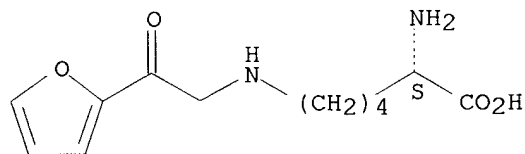
Absolute stereochemistry.



RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 80 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:201655 CAPLUS
DN 132:333511
TI Determination of furosine in hydrolyzate of processed milk by HPLC using a
narrow bore column and diode-array detector
AU Nicoletti, I.; Cogliandro, E.; Corradini, C.; Corradini, D.; Pizzoferrato,
L.
CS Istituto di Cromatografia del C.N.R., Rome, I-00016, Italy
SO Journal of Liquid Chromatography & Related Technologies (2000), 23(5),
717-726
CODEN: JLCTFC; ISSN: 1082-6076
PB Marcel Dekker, Inc.
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: ANT (Analyte); ANST (Analytical study)
(detn. of furosine in hydrolyzate of processed milk by HPLC using a
narrow bore column and diode-array detector)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

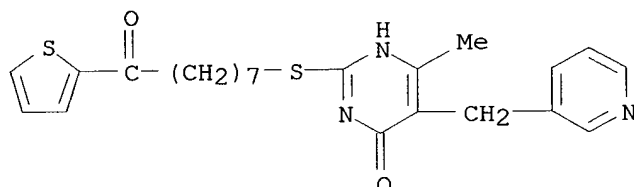
Absolute stereochemistry.



RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 81 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 2000:177181 CAPLUS
 DN 132:308308
 TI 2-(Alkylthio)pyrimidin-4-ones as novel, reversible inhibitors of
 lipoprotein-associated phospholipase A2
 AU Boyd, Helen F.; Flynn, Sean T.; Hickey, Deirdre M. B.; Ife, Robert J.;
 Jones, Martin; Leach, Colin A.; Macphee, Colin H.; Milliner, Kevin J.;
 Rawlings, D. Anthony; Slingsby, Brian P.; Smith, Stephen A.; Stansfield,
 Ian G.; Tew, David G.; Theobald, Colin J.
 CS SmithKline Beecham Pharmaceuticals, Essex, CM19 5AW, UK
 SO Bioorganic & Medicinal Chemistry Letters (2000), 10(4), 395-398
 CODEN: BMCLE8; ISSN: 0960-894X
 PB Elsevier Science Ltd.
 DT Journal
 LA English
 IT **265094-48-2P**
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological
 study, unclassified); SPN (Synthetic preparation); BIOL (Biological
 study); PREP (Preparation)
 ((alkylthio)pyrimidinones as reversible inhibitors of
 lipoprotein-assocd. phospholipase A2)
 RN 265094-48-2 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-methyl-2-[[8-oxo-8-(2-thienyl)octyl]thio]-5-(3-
 pyridinylmethyl)- (9CI) (CA INDEX NAME)



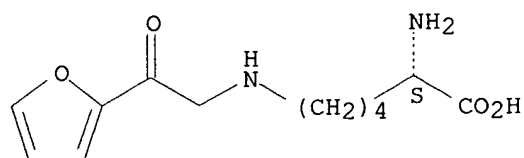
RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 82 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 2000:121458 CAPLUS
 DN 133:16672
 TI The influence of manufacturing technologies on the formulation of early
 infant formulas
 AU Evangelisti, Filippo; Calcagno, Claudio; Zunin, Paola; Nardi, Simonetta
 CS Dip. Chimica e Tecnologie Farm. Alimentari, Univ. Genova, Genoa, 16147,
 Italy
 SO Industrie Alimentari (Pinerolo, Italy) (1999), 38(387), 1401-1405
 CODEN: INALBB; ISSN: 0019-901X
 PB Chiriotti Editori spa
 DT Journal
 LA Italian
 IT **19746-33-9**, Furosine
 RL: ANT (Analyte); FFD (Food or feed use); ANST (Analytical study); BIOL
 (Biological study); USES (Uses)
 (infant formulas chem. compn. and impact of manufg. technologies)
 RN 19746-33-9 CAPLUS

V. Balasubramanian

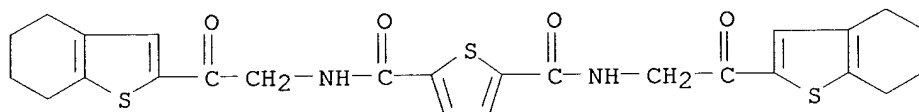
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



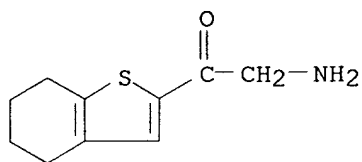
RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 83 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:119504 CAPLUS
DN 132:265135
TI Structure-property relationships in mixed oligoheterocycles based on
end-capped oligothiophenes
AU Mitschke, Ullrich; Debaerdemaeker, Tony; Bauerle, Peter
CS Universitat Ulm, Abteilung Organische Chemie II, Ulm, D-89081, Germany
SO European Journal of Organic Chemistry (2000), (3), 425-437
CODEN: EJOCFK; ISSN: 1434-193X
PB Wiley-VCH Verlag GmbH
DT Journal
LA English
OS CASREACT 132:265135
IT **224453-04-7P 263148-70-5P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and structure-property relationships in mixed oligoheterocycles
related to end-capped oligothiophenes)
RN 224453-04-7 CAPLUS
CN 2,5-Thiophenedicarboxamide, N,N'-bis[2-oxo-2-(4,5,6,7-
tetrahydrobenzo[b]thien-2-yl)ethyl]- (9CI) (CA INDEX NAME)



RN 263148-70-5 CAPLUS
CN Ethanone, 2-amino-1-(4,5,6,7-tetrahydrobenzo[b]thien-2-yl)-, hydrochloride
(9CI) (CA INDEX NAME)

V. Balasubramanian

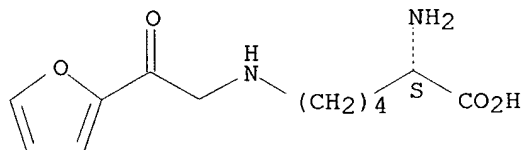


● HCl

RE.CNT 112 THERE ARE 112 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 84 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:85326 CAPLUS
DN 132:236143
TI Effect of Malondialdehyde on the Determination of Furosine in Milk-Based Products
AU Morales, Francisco J.; Jimenez-Perez, Salvio
CS Departamento de Productos Lacteos, Instituto del Frio (CSIC), Madrid, 28040, Spain
SO Journal of Agricultural and Food Chemistry (2000), 48(3), 680-684
CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: ANT (Analyte); ANST (Analytical study)
(effect of malondialdehyde on detn. of furosine in milk-based products)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



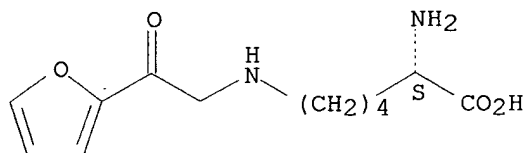
RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 85 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:51650 CAPLUS
DN 132:178555
TI Longitudinal determination of skin collagen glycation and glycoxidation rates predicts early death in C57BL/6Nnia mice
AU Sell, David R.; Kleinman, Nanette R.; Monnier, Vincent M.
CS Institute of Pathology, Case Western Reserve University, Cleveland, OH, 44106, USA
SO FASEB Journal (2000), 14(1), 145-156
CODEN: FAJOEC; ISSN: 0892-6638
PB Federation of American Societies for Experimental Biology

V. Balasubramanian

DT Journal
LA English
IT **19746-33-9, Furosine**
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); MEM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence)
(longitudinal detn. of skin collagen glycation and glycoxidn. rates predicts early death in C57BL/6NNia mice)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

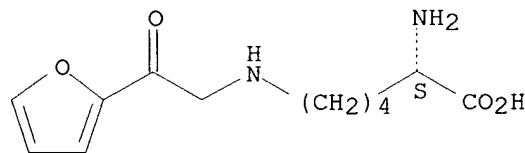
Absolute stereochemistry.



RE.CNT 58 THERE ARE 58 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

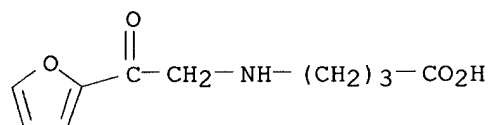
L5 ANSWER 86 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 2000:6541 CAPLUS
DN 132:179708
TI Presence of 2-Furoylmethyl Derivatives in Hydrolysates of Processed Tomato Products
AU Sanz, M. Luz; Del Castillo, M. Dolores; Corzo, Nieves; Olano, Agustin
CS Instituto de Fermentaciones Industriales (CSIC), Madrid, 28006, Spain
SO Journal of Agricultural and Food Chemistry (2000), 48(2), 468-471
CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
IT **19746-33-9, Furosine 248583-21-3**
RL: FMU (Formation, unclassified); FORM (Formation, nonpreparative)
(presence of 2-furoylmethyl derivs. in hydrolyzates of processed tomato products)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 248583-21-3 CAPLUS
CN Butanoic acid, 4-[[2-(2-furanyl)-2-oxoethyl]amino]- (9CI) (CA INDEX NAME)

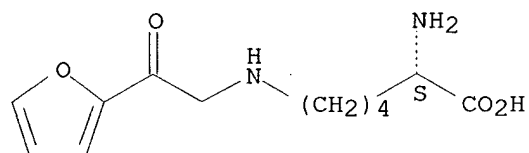
V. Balasubramanian



RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 87 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:773438 CAPLUS
DN 132:121633
TI Hydroxymethylfurfural and Furosine Reaction Kinetics in Tomato Products
AU Hidalgo, Alyssa; Pompei, Carlo
CS Dipartimento di Scienze e Tecnologie Alimentari e Microbiologiche
(DISTAM), Universita degli Studi di Milano, Milan, 20133, Italy
SO Journal of Agricultural and Food Chemistry (2000), 48(1), 78-82
CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: RCT (Reactant); RACT (Reactant or reagent)
(hydroxymethylfurfural and furosine reaction kinetics in tomato
products)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 88 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:760024 CAPLUS
DN 132:93653
TI Preparation of .alpha.-ketoamide peptides as antiviral HCV proteinase
inhibitors
IN Hurst, David Nigel; Jones, Philip Stephen; Kay, Paul Brittain; Raynham,
Tony Michael; Wilson, Francis Xavier
PA F. Hoffmann-La Roche A.-G., Switz.
SO Fr. Demande, 130 pp.
CODEN: FRXXBL
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2778406	A1	19991112	FR 1999-5650	19990504

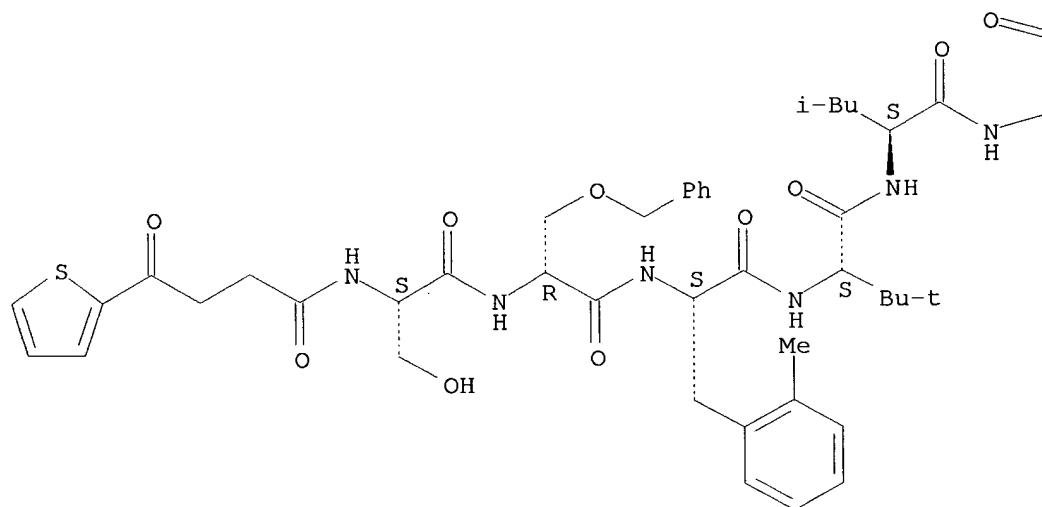
09/817,374

V. Balasubramanian

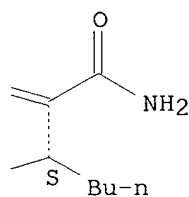
US 6187905	B1	20010213	US 1999-305030	19990504
IT 1312558	B1	20020422	IT 1999-MI950	19990504
GB 2338482	A1	19991222	GB 1999-10384	19990505
ES 2165269	A1	20020301	ES 1999-918	19990505
JP 11349597	A2	19991221	JP 1999-125419	19990506
DE 19920966	A1	20000113	DE 1999-19920966	19990506
PRAI GB 1998-9664	A	19980506		
OS	MARPAT 132:93653			
IT	254439-79-7P 254440-15-8P			
	RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)			
	(prepn. of .alpha.-ketoamide peptides as antiviral HCV proteinase inhibitors)			
RN	254439-79-7 CAPLUS			
CN	L-Leucinamide, N-[1,4-dioxo-4-(2-thienyl)butyl]-L-seryl-O-(phenylmethyl)-D-seryl-2-methyl-L-phenylalanyl-3-methyl-L-valyl-N-[(1S)-1-(aminooxoacetyl)pentyl]- (9CI) (CA INDEX NAME)			

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



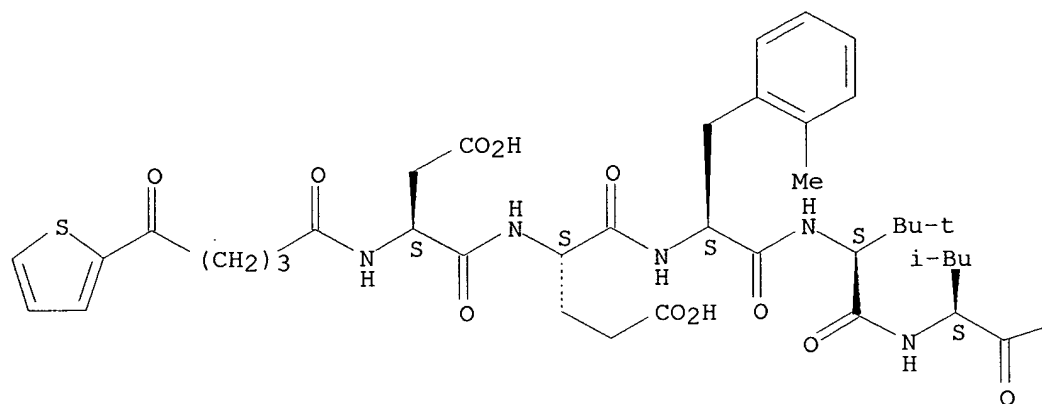
RN 254440-15-8 CAPLUS

V. Balasubramanian

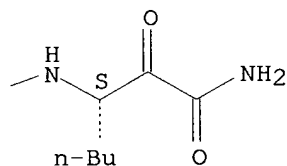
CN L-Leucinamide, N-[1,5-dioxo-5-(2-thienyl)pentyl]-L-.alpha.-aspartyl-L-.alpha.-glutamyl-2-methyl-L-phenylalanyl-3-methyl-L-valyl-N-[(1S)-1-(aminooxoacetyl)pentyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



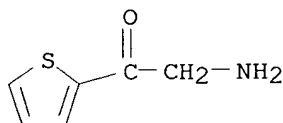
L5 ANSWER 89 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:723031 CAPLUS
DN 131:337023
TI Heterocyclic carboxamide derivatives as inhibitors of nitric oxide production
IN Shima, Ichiro; Ohkawa, Takehiko; Ohne, Kazuhiko; Zenko, Tatsuya; Oku, Teruo; Yoshihara, Kousei; Setoi, Hiroyuki
PA Fujisawa Pharmaceutical Co., Ltd., Japan
SO PCT Int. Appl., 88 pp.
CODEN: PIXXD2
DT Patent
LA English

09/817,374

V. Balasubramanian

FAN.CNT 2

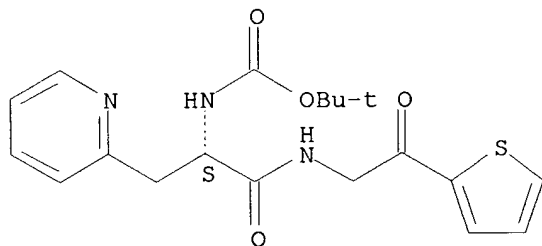
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9957114	A1	19991111	WO 1999-JP2231	19990426
	W: JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 1075475	A1	20010214	EP 1999-917174	19990426
	R: CH, DE, ES, FR, GB, IT, LI				
	JP 2002511889	T2	20020416	JP 1999-553958	19990426
	US 2002132809	A1	20020919	US 2002-80663	20020225
PRAI	AU 1998-3324	A	19980504		
	AU 1998-4014	A	19980610		
	WO 1999-JP2231	W	19990426		
	US 2000-673660	A1	20001220		
OS	MARPAT 131:337023				
IT	70996-65-5P 249639-85-8P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(intermediate; prepn. of heterocyclic carboxamide derivs. as inhibitors of nitric oxide prodn for treatment of NO-mediated diseases, particularly for use as immunosuppressant agents in transplantation)				
RN	70996-65-5 CAPLUS				
CN	Ethanone, 2-amino-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)				



● HCl

RN 249639-85-8 CAPLUS
CN Carbamic acid, [(1S)-2-oxo-2-[[2-oxo-2-(2-thienyl)ethyl]amino]-1-(2-pyridinylmethyl)ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

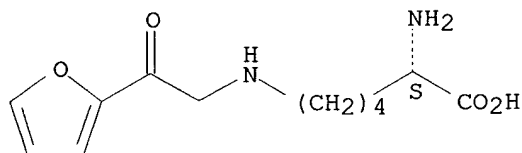
L5 ANSWER 90 OF 409 CAPLUS COPYRIGHT 2003 ACS

09/817,374

V. Balasubramanian

AN 1999:668836 CAPLUS
DN 132:179718
TI Effects of drying processing on the Maillard reaction in pasta
AU Anese, Monica; Nicoli, M. Cristina; Massini, Roberto; Lerici, Carlo R.
CS Istituto di Produzioni e Preparazioni Alimentari, University of Bari,
Foggia, 71100, Italy
SO Food Research International (1999), 32(3), 193-199
CODEN: FORIEU; ISSN: 0963-9969
PB Elsevier Science Ltd.
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: FMU (Formation, unclassified); FORM (Formation, nonpreparative)
(effects of drying processing on the Maillard reaction in pasta)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 91 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:653384 CAPLUS
DN 131:257880
TI Preparation and use of amino acid derivatives as anti-viral agents
IN Attwood, Michael Richard; Hurst, David Nigel; Jones, Philip Stephen; Kay,
Paul Brittain; Raynham, Tony Michael; Wilson, Francis Xavier
PA F. Hoffmann-La Roche A.-G., Switz.
SO Ger. Offen., 30 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19914474	A1	19991007	DE 1999-19914474	19990330
	US 6372883	B1	20020416	US 1999-265617	19990310
	FR 2777891	A1	19991029	FR 1999-3872	19990329
	FR 2777891	B1	20030131		
	GB 2337262	A1	19991117	GB 1999-7263	19990329
	JP 11322789	A2	19991124	JP 1999-85092	19990329
	ES 2160046	A1	20011016	ES 1999-627	19990329
	ES 2160046	B1	20020516		
	IT 1311994	B1	20020322	IT 1999-MI657	19990330
PRAI	GB 1998-6815	A	19980330		
OS	MARPAT 131:257880				
IT	244302-90-7P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (reaction of in the synthesis of amino acid derivs. for use as anti-hepatitis agents)				

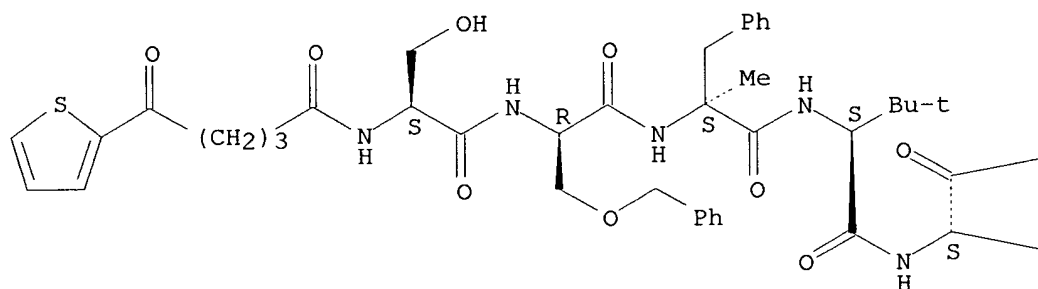
V. Balasubramanian

RN 244302-90-7 CAPLUS

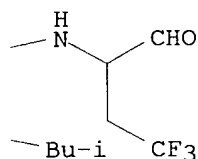
CN L-Leucinamide, N-[1,5-dioxo-5-(2-thienyl)pentyl]-L-seryl-O-(phenylmethyl)-
D-seryl-.alpha.-methyl-L-phenylalanyl-3-methyl-L-valyl-N-(3,3,3-trifluoro-
1-formylpropyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



L5 ANSWER 92 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1999:589093 CAPLUS

DN 131:321702

TI Synthesis and characterization of .gamma.-N-(2-Furoylmethyl)aminobutyric acid

AU Dolores del Castillo, M.; Corzo, Nieves; Gonzalez, Leandro; Olano, Agustin

CS Instituto de Fermentaciones Industriales (CSIC), Madrid, 28006, Spain

SO Journal of Agricultural and Food Chemistry (1999), 47(10), 4137-4139

CODEN: JAFCAU; ISSN: 0021-8561

PB American Chemical Society

DT Journal

LA English

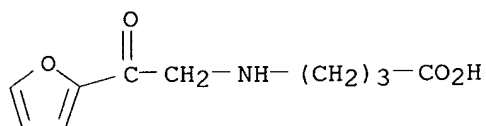
IT **248583-21-3P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(synthesis and characterization of .gamma.-N-(2-Furoylmethyl)aminobutyric acid)

RN 248583-21-3 CAPLUS

CN Butanoic acid, 4-[[2-(2-furanyl)-2-oxoethyl]amino]- (9CI) (CA INDEX NAME)

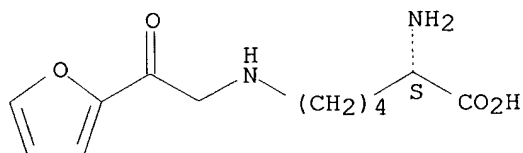
V. Balasubramanian



RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 93 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:575858 CAPLUS
DN 131:242180
TI Improvement of microwave hydrolysis for fast analysis of furosine in milk and dairy products
AU Marconi, E.; Mastrocola, L.; Panfili, G.
CS Dipartimento di Scienze e Tecnologie Agro-alimentari Ambientali e Microbiologiche, Universita degli Studi del Molise, Campobasso, 86100, Italy
SO Scienza e Tecnica Lattiero-Casearia (1999), 50(2), 127-137
CODEN: SLCAAF; ISSN: 0390-6361
PB Associazione Italiana Tecnici del Latte
DT Journal
LA Italian
IT **19746-33-9, Furosine**
RL: ANT (Analyte); ANST (Analytical study)
(furosine detn. by HPLC in milk and dairy products and improved fast microwave hydrolysis sample prepn.)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 94 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:518285 CAPLUS
DN 131:144789
TI Preparation of steroidal glycosides as hypocholesterolemic and antiatherosclerosis agents
IN Deninno, Michael Paul
PA Pfizer Inc., USA
SO U.S., 34 pp., Cont. of U.S. Ser. No. 652,478.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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09/817,374

V. Balasubramanian

PI US 5939398 A 19990817 US 1998-9037 19980120
PRAI US 1996-652478 19960618
OS MARPAT 131:144789
IT **171660-73-4P**

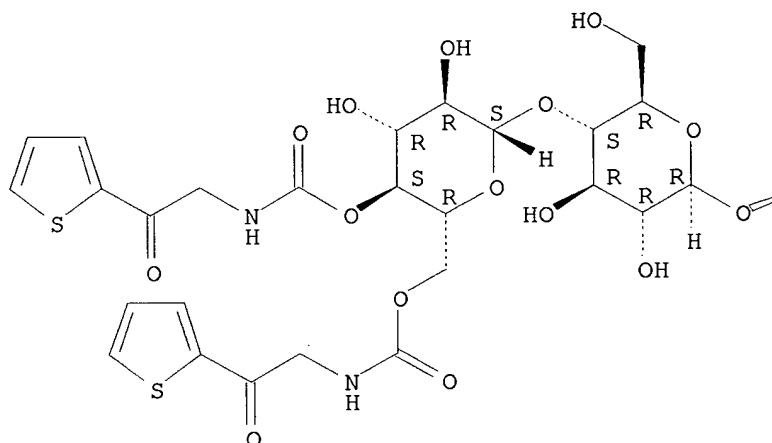
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of steroidal glycosides as hypocholesterolemic and antiatherosclerotic agents)

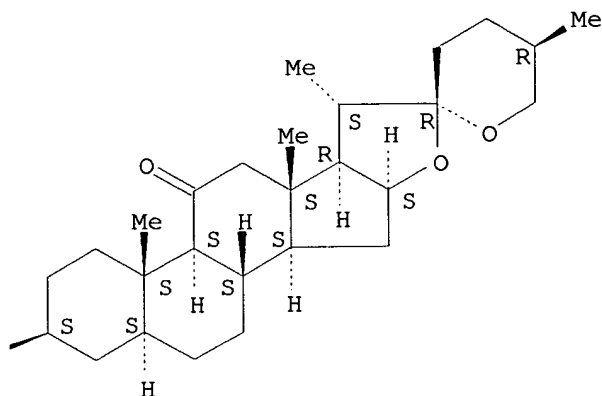
RN 171660-73-4 CAPLUS

CN Spirostan-11-one, 3-[[4-O-[4,6-bis-O-[[[2-oxo-2-(2-thienyl)ethyl]amino]carbonyl]-.beta.-D-glucopyranosyl]-.beta.-D-glucopyranosyl]oxy]-, (3.beta.,5.alpha.,25R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

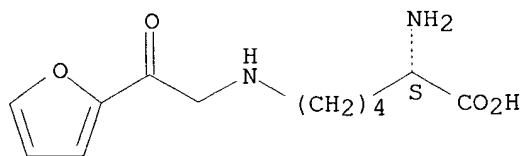




RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 95 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:425068 CAPLUS
DN 131:225616
TI Analytical strategy for the assessment of the protein glycation status in
uremic patients by high-performance liquid chromatography
AU Floridi, Ardesio; Trizza, Vincenzo; Paolotti, Paola; Lucarelli, Claudio
CS Via del Giochetto, Lab. Biochimica Clinica, Dipartimento di Biologia
Cellulare e Molecolare, Universita di Perugia, Perugia, 06126, Italy
SO Journal of Chromatography, A (1999), 846(1 + 2), 65-71
CODEN: JCRAEY; ISSN: 0021-9673
PB Elsevier Science B.V.
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: ANT (Analyte); THU (Therapeutic use); ANST (Analytical study); BIOL
(Biological study); USES (Uses)
(anal. strategy for assessment of protein glycation status in uremic
patients by high-performance liq. chromatog.)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



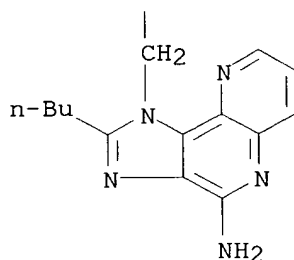
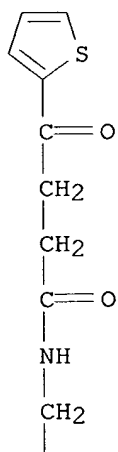
RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 96 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:388186 CAPLUS
DN 131:44819
TI Imidazonaphthyridines and their use in inducing cytokine biosynthesis

V. Balasubramanian

IN Lingstrom, Kyle J.; Gerster, John F.
PA Minnesota Mining and Manufacturing Company, USA
SO PCT Int. Appl., 172 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9929693	A1	19990617	WO 1998-US26473	19981211
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2311456	AA	19990617	CA 1998-2311456	19981211
	AU 9919123	A1	19990628	AU 1999-19123	19981211
	AU 753864	B2	20021031		
	BR 9814275	A	20001003	BR 1998-14275	19981211
	EP 1040112	A1	20001004	EP 1998-963888	19981211
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI			
	US 6194425	B1	20010227	US 1998-210114	19981211
	EE 200000349	A	20011015	EE 2000-200000349	19981211
	JP 2001525411	T2	20011211	JP 2000-524286	19981211
	NO 2000002663	A	20000811	NO 2000-2663	20000524
	US 6514985	B1	20030204	US 2000-706990	20001106
	US 2002173653	A1	20021121	US 2001-945196	20010831
	US 6518280	B2	20030211		
	US 2002173654	A1	20021121	US 2001-945197	20010831
PRAI	US 1997-69276P	P	19971211		
	US 1998-210114	A3	19981211		
	WO 1998-US26473	W	19981211		
	US 2000-706990	A1	20001106		
OS	MARPAT 131:44819				
IT	227320-99-2P				
	RL: IMF (Industrial manufacture); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(imidazonaphthyridines and tetrahydroimidazonaphthyridines for use in inducing cytokine biosynthesis)				
RN	227320-99-2	CAPLUS			
CN	2-Thiophenebutanamide, N-[2-(4-amino-2-butyl-1H-imidazo[4,5-c][1,5]naphthyridin-1-yl)ethyl]-.gamma.-oxo- (9CI) (CA INDEX NAME)				



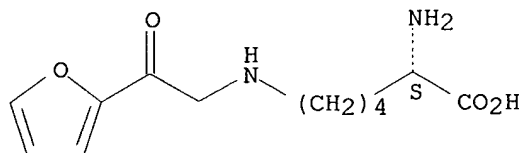
RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 97 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:384692 CAPLUS
DN 131:31256
TI Use of different thermal indices to assess the quality of pasteurized
 milks
AU Villamiel, M.; Arias, M.; Corzo, N.; Olano, A.
CS Instituto Fermentaciones Industriales, Madrid, E-28006, Spain
SO Zeitschrift fuer Lebensmittel-Untersuchung und -Forschung A: Food Research
 and Technology (1999), 208(3), 169-171
 CODEN: ZLFAFA; ISSN: 1431-4630
PB Springer-Verlag
DT Journal
LA English

V. Balasubramanian

IT 19746-33-9, Furosine
RL: BOC (Biological occurrence); BSU (Biological study, unclassified);
BIOL (Biological study); OCCU (Occurrence)
(thermal indexes to assess the quality of pasteurized milks)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

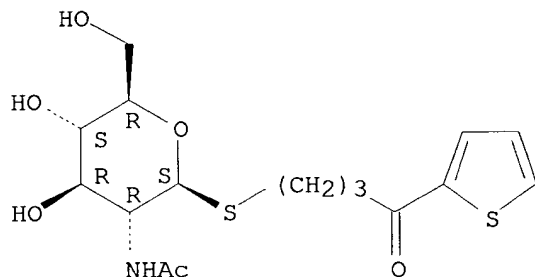
Absolute stereochemistry.



RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 98 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:354505 CAPLUS
DN 131:59065
TI Synthesis of a library of .beta.-GlcNAc glycosides to screen for efficient
in vivo glycosyltransferase acceptors
AU Ding, Yili; Miura, Yoshiaki; Etchison, James R.; Freeze, Hudson H.;
Hindsgaul, Ole
CS The Burnham Institute, La Jolla, CA, 92037, USA
SO Journal of Carbohydrate Chemistry (1999), 18(4), 471-475
CODEN: JCACDM; ISSN: 0732-8303
PB Marcel Dekker, Inc.
DT Journal
LA English
IT 227936-91-6P
RL: BPR (Biological process); BSU (Biological study, unclassified); SPN
(Synthetic preparation); BIOL (Biological study); PREP (Preparation); PROC
(Process)
(prepn. of a library of .beta.-GlcNAc glycosides to screen for
efficient in vivo glycosyltransferase acceptors)
RN 227936-91-6 CAPLUS
CN 1-Butanone, 4-[[2-(acetylamino)-2-deoxy-.beta.-D-glucopyranosyl]thio]-1-(2-
thienyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

V. Balasubramanian

L5 ANSWER 99 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1999:350650 CAPLUS

DN 131:18925

TI Preparation of cyclic amine derivatives for inhibition of the action of chemokines such as MIP-1.alpha. and/or MCP-1 on target cells

IN Shiota, Tatsuki; Kataoka, Kenichiro; Imai, Minoru; Tsutsumi, Takaharu; Sudoh, Masaki; Sogawa, Ryo; Morita, Takuya; Hada, Takahiko; Muroga, Yumiko; Takenouchi, Osami; Furuya, Monoru; Endo, Noriaki; Tarby, Christine M.; Moree, Wil A.; Teig, Steven L.

PA Teijin Ltd., Japan; Combichem, Inc.

SO PCT Int. Appl., 374 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9925686	A1	19990527	WO 1998-US23254	19981117
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, US, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2309328	AA	19990527	CA 1998-2309328	19981117
	AU 9913741	A1	19990607	AU 1999-13741	19981117
	AU 744685	B2	20020228		
	EP 1030840	A1	20000830	EP 1998-957495	19981117
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	BR 9814645	A	20010731	BR 1998-14645	19981117
	EE 200000294	A	20010815	EE 2000-200000294	19981117
	JP 2001523661	T2	20011127	JP 2000-521070	19981117
	NO 2000002486	A	20000718	NO 2000-2486	20000512
	US 6451842	B1	20020917	US 2000-554562	20000516

PRAI US 1997-972484 A 19971118
US 1998-55285 A 19980406
US 1998-133434 A 19980813
WO 1998-US23254 W 19981117

OS MARPAT 131:18925

IT 226228-19-9P 226229-66-9P

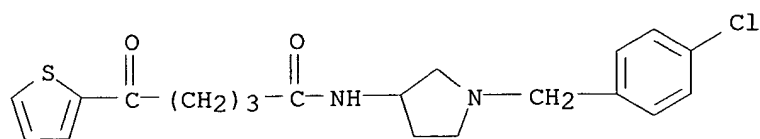
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of cyclic amine derivs. for inhibition of the action of chemokines such as MIP-1.alpha. and/or MCP-1 on target cells)

RN 226228-19-9 CAPLUS

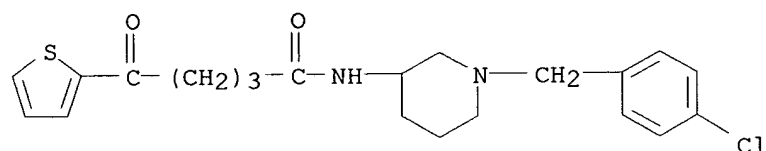
CN 2-Thiophenepentanamide, N-[1-[(4-chlorophenyl)methyl]-3-pyrrolidinyl]-.delta.-oxo- (9CI) (CA INDEX NAME)

V. Balasubramanian



RN 226229-66-9 CAPLUS

CN 2-Thiophenepentanamide, N-[1-[(4-chlorophenyl)methyl]-3-piperidinyl]-.delta.-oxo- (9CI) (CA INDEX NAME)



RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 100 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1999:335480 CAPLUS

DN 131:115576

TI Deterioration of protein fraction by Maillard reaction in dietetic milks

AU Evangelisti, Filippo; Calcagno, Claudio; Nardi, Simonetta; Zunin, Paola

CS Dipartimento di Chimica e Tecnologie Farmaceutiche e Alimentari,
Universita di Genova, Genoa, I-16147, Italy

SO Journal of Dairy Research (1999), 66(2), 237-243

CODEN: JDRSAN; ISSN: 0022-0299

PB Cambridge University Press

DT Journal

LA English

IT 19746-33-9, Furosine

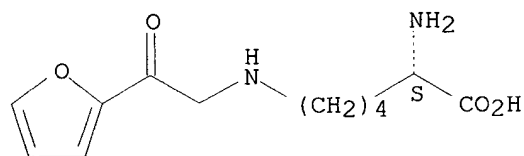
RL: BOC (Biological occurrence); BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence); PROC (Process)

(deterioration of protein fraction by Maillard reaction in dietetic milks)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

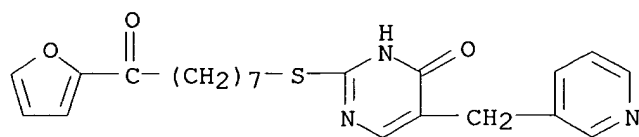
L5 ANSWER 101 OF 409 CAPLUS COPYRIGHT 2003 ACS

09/817,374

AN 1999:325924 CAPLUS
DN 130:352278
TI Preparation of pyrimidinone derivatives as Lp-PLA2 inhibitors
IN Hickey, Deirdre Mary Bernadette; Ife, Robert John; Leach, Colin Andrew;
Pinto, Ivan Leo; Porter, Roderick Alan; Smith, Stephen Allan
PA Smithkline Beecham PLC, UK
SO PCT Int. Appl., 210 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

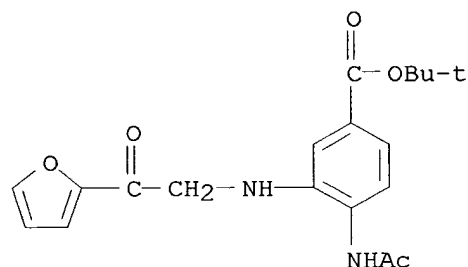
O=C1C=CC=CC1S(=O)(=O)C(=O)CCCCCCCCSC2=NC(=O)C=CC=C2CC3=CC=CC=N3

09/817,374

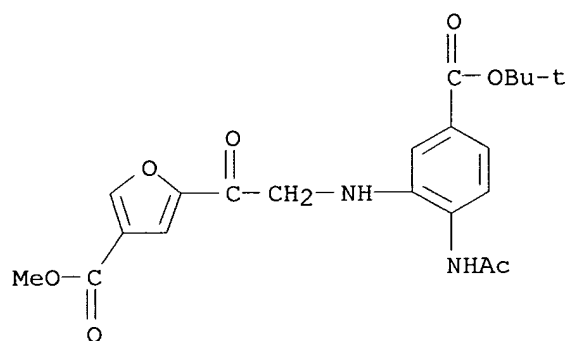


RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 102 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:314006 CAPLUS
DN 131:129944
TI 4-Acetylamino-3-(imidazol-1-yl)-benzoic acids as novel inhibitors of
influenza sialidase
AU Howes, Peter D.; Cleasby, Anne; Evans, Derek N.; Feilden, Helen; Smith,
Paul W.; Sollis, Steven L.; Taylor, Neil; Wonacott, Alan J.
CS Department of Enzyme Medicinal Chemistry II, Glaxo Wellcome Medicines
Research Centre, Stevenage, SG1 2NY, UK
SO European Journal of Medicinal Chemistry (1999), 34(3), 225-234
CODEN: EJMCA5; ISSN: 0223-5234
PB Editions Scientifiques et Medicales Elsevier
DT Journal
LA English
IT **233671-40-4P 233671-41-5P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and influenza sialidase inhibitory activity of
(acetylamino)imidazolylbenzoic acids)
RN 233671-40-4 CAPLUS
CN Benzoic acid, 4-(acetylamino)-3-[[2-(2-furanyl)-2-oxoethyl]amino]-,
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



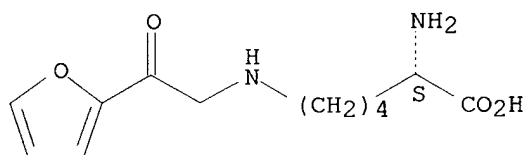
RN 233671-41-5 CAPLUS
CN 3-Furancarboxylic acid, 5-[[[2-(acetylamino)-5-[(1,1-
dimethylethoxy)carbonyl]phenyl]amino]acetyl]-, methyl ester (9CI) (CA
INDEX NAME)



RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 103 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:290255 CAPLUS
DN 131:87025
TI Characterization of the Heat Treatment Undergone by Milk Using Two
Inhibition ELISAs for Quantification of Native and Heat Denatured
.alpha.-Lactalbumin
AU Jeanson, Sophie; Dupont, Didier; Grattard, Nicolas; Rolet-Repecaud, Odile
CS INRA-Station de Recherches en Technologie et Analyses Laitieres, Poligny,
F-39801, Fr.
SO Journal of Agricultural and Food Chemistry (1999), 47(6), 2249-2254
CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL
(Biological study); PROC (Process)
(of milk response to heat treatments)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



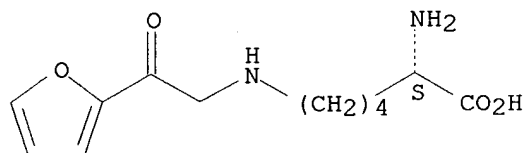
RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 104 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:282330 CAPLUS
DN 131:72881
TI Determination of furosine in relation to authenticity of fresh Campania
cheese
AU Arnese, A.; Montuori, P.; Iacuzio, L.; Cirillo, T.
CS Istituto di Igiene e Medicina Preventiva - Facolta di Medicina e

V. Balasubramanian

Chirurgia, Universita degli Studi di Napoli, Naples, 80131, Italy
SO Rivista di Scienza dell'Alimentazione (1998), 27(4), 245-249
CODEN: RSAIE3; ISSN: 1126-9480
PB Societa Editrice Alimenti, Alimentazione e Nutrizione s.r.l.
DT Journal
LA Italian
IT **19746-33-9**, Furosine
RL: BOC (Biological occurrence); BSU (Biological study, unclassified);
BIOL (Biological study); OCCU (Occurrence)
(of fresh Campania cheese in relation to authenticity)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

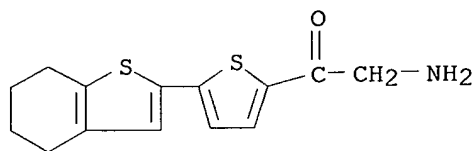
Absolute stereochemistry.



RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 105 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:237504 CAPLUS
DN 130:344749
TI Synthesis and characterization of mixed oligoheterocycles based on
end-capped oligothiophenes suited for LED applications
AU Bauerle, P.; Mitschke, U.; Mena-Osteritz, E.; Sokolowski, M.; Muller, D.;
Gross, M.; Meerholz, K.
CS Abteilung Organische Chemie II, University Ulm, Ulm, 89081, Germany
SO Proceedings of SPIE-The International Society for Optical Engineering
(1998), 3476(Organic Light-Emitting Materials and Devices II), 32-39
CODEN: PSISDG; ISSN: 0277-786X
PB SPIE-The International Society for Optical Engineering
DT Journal
LA English
IT **218606-62-3**
RL: RCT (Reactant); RACT (Reactant or reagent)
(synthesis and characterization of mixed oligoheterocycles based on
end-capped oligothiophenes suited for LED applications)
RN 218606-62-3 CAPLUS
CN Ethanone, 2-amino-1-[5-(4,5,6,7-tetrahydrobenzo[b]thien-2-yl)-2-thienyl]-,
hydrochloride (9CI) (CA INDEX NAME)

V. Balasubramanian



● HCl

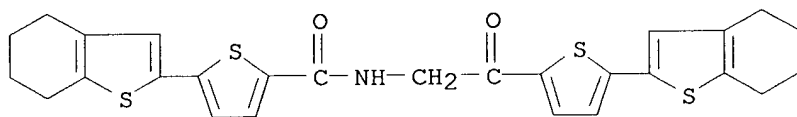
IT 218606-67-8P 224453-03-6P 224453-04-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(synthesis and characterization of mixed oligoheterocycles based on end-capped oligothiophenes suited for LED applications)

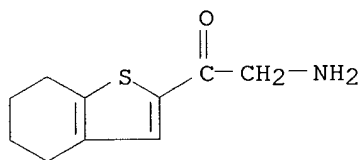
RN 218606-67-8 CAPLUS

CN 2-Thiophenecarboxamide, N-[2-oxo-2-[5-(4,5,6,7-tetrahydrobenzo[b]thien-2-yl)-2-thienyl]ethyl]-5-(4,5,6,7-tetrahydrobenzo[b]thien-2-yl)- (9CI) (CA INDEX NAME)



RN 224453-03-6 CAPLUS

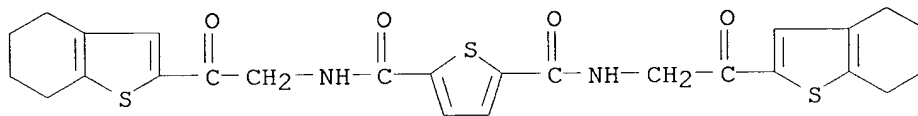
CN Ethanone, 2-amino-1-(4,5,6,7-tetrahydrobenzo[b]thien-2-yl)-, conjugate monoacid (9CI) (CA INDEX NAME)



● H⁺

RN 224453-04-7 CAPLUS

CN 2,5-Thiophenedicarboxamide, N,N'-bis[2-oxo-2-(4,5,6,7-tetrahydrobenzo[b]thien-2-yl)ethyl]- (9CI) (CA INDEX NAME)

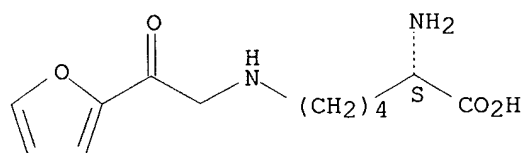


V. Balasubramanian

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 106 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:232747 CAPLUS
DN 131:30591
TI Plasma protein glycation in Alzheimer's disease
AU Riviere, S.; Birlouez-Aragon, I.; Vellas, B.
CS Hopital La Grave-Casselardit, Toulouse, 31300, Fr.
SO Glycoconjugate Journal (1998), 15(10), 1039-1042
 CODEN: GLJOEW; ISSN: 0282-0080
PB Kluwer Academic Publishers
DT Journal
LA English
IT **19746-33-9**, Furosine
 RL: BOC (Biological occurrence); BSU (Biological study, unclassified);
 BIOL (Biological study); OCCU (Occurrence)
 (plasma protein glycation in human Alzheimer's disease in relation to
 fasting plasma glucose and)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

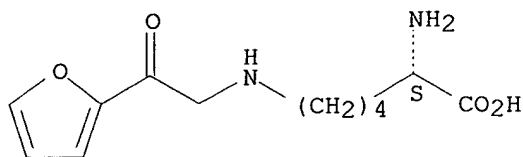


RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 107 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:215501 CAPLUS
DN 131:43745
TI A rapid fluorimetric method to estimate the heat treatment of liquid milk
AU Birlouez-Aragon, Ines; Nicolas, Marina; Metais, Arnaud; Marchond,
 Nathalie; Grenier, J.; Calvo, D.
CS Institut National Agronomique Paris-Grignon, Laboratoire de Chimie
 Analytique, Paris, 75231, Fr.
SO International Dairy Journal (1999), Volume Date 1998, 8(9), 771-777
 CODEN: IDAJE6; ISSN: 0958-6946
PB Elsevier Science Ltd.
DT Journal
LA English
IT **19746-33-9**, Furosine
 RL: ANT (Analyte); FMU (Formation, unclassified); ANST (Analytical study);
 FORM (Formation, nonpreparative)
 (a rapid fluorimetric method to est. heat treatment of liq. milk)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

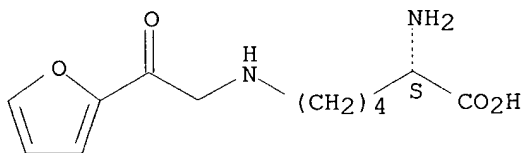
V. Balasubramanian



RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 108 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:214969 CAPLUS
DN 131:17367
TI Skin collagen glycation, glycooxidation, and crosslinking are lower in subjects with long-term intensive versus conventional therapy of type 1 diabetes: relevance of glycated collagen products versus HbA1c as markers of diabetic complications
AU Monnier, Vincent M.; Bautista, Oliver; Kenny, David; Sell, David R.; Fogarty, John; Dahms, William; Cleary, Patricia A.; Lachin, John; Genuth, Saul
CS DCCT Skin Collagen Ancillary Study Group, Institute of Pathology, Case Western Reserve University School of Medicine, Cleveland, OH, 44106, USA
SO Diabetes (1999), 48(4), 870-880
CODEN: DIAEAZ; ISSN: 0012-1797
PB American Diabetes Association
DT Journal
LA English
IT 19746-33-9, Furosine
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence)
(HbA1c and glycated collagen markers for diabetic complications in human in relation to long-term intensive vs. conventional therapy of type 1 diabetes)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



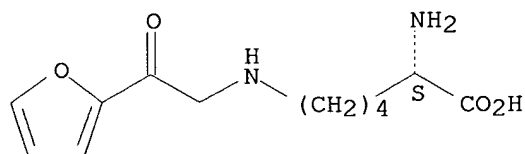
RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 109 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:196798 CAPLUS
DN 131:87110
TI Maillard reaction evaluation by furosine determination during infant cereal processing
AU Guerra-Hernandez, E.; Corzo, N.; Garcia-Villanova, B.
CS Departamento de Nutricion y Bromatologia, Universidad de Granada, Granada, 18012, Spain

V. Balasubramanian

SO Journal of Cereal Science (1999), 29(2), 171-176
CODEN: JCSCDA; ISSN: 0733-5210
PB Academic Press
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: BOC (Biological occurrence); BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence); PROC (Process)
(Maillard reaction evaluation by furosine detn. during infant cereal processing)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

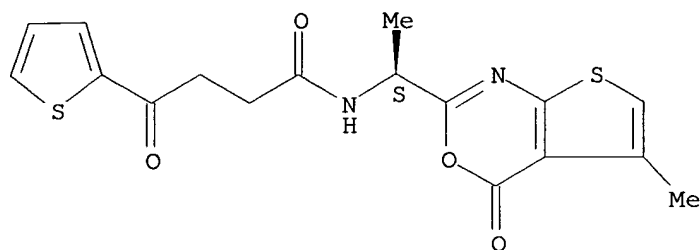


RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 110 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:170595 CAPLUS
DN 130:320415
TI Inhibition of human cytomegalovirus protease by enedione derivatives of thieno[2,3-d]oxazinones through a novel dual acylation/alkylation mechanism
AU Pinto, Ivan L.; Jarvest, Richard L.; Clarke, Brian; Dabrowski, Christine E.; Fenwick, Ashley; Gorczyca, Michele M.; Jennings, L. John; Lavery, Patrick; Sternberg, Edmund J.; Tew, David G.; West, Andrew
CS SmithKline Beecham Pharmaceuticals, New Frontiers Science Park, Essex, CM19 5AW, UK
SO Bioorganic & Medicinal Chemistry Letters (1999), 9(3), 449-452
CODEN: BMCLE8; ISSN: 0960-894X
PB Elsevier Science Ltd.
DT Journal
LA English
IT **223921-87-7P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(inhibition of human cytomegalovirus protease by enedione derivs. of thieno[2,3-d]oxazinones through a novel dual acylation/alkylation mechanism)
RN 223921-87-7 CAPLUS
CN 2-Thiophenebutanamide, N-[(1S)-1-(5-methyl-4-oxo-4H-thieno[2,3-d][1,3]oxazin-2-yl)ethyl]-.gamma.-oxo- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

V. Balasubramanian

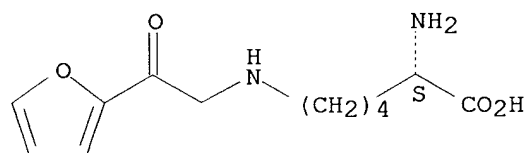


RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 111 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1999:58505 CAPLUS
DN 130:179638
TI Glycosylation and oxidation products of iron binding protein.
IN Hosokawa, Tomoyoshi
PA Japan
SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI JP 11014625 A2 19990122 JP 1997-199090 19970620
PRAI JP 1997-199090 19970620
IT **19746-33-9P**, Furosine
RL: ANT (Analyte); SPN (Synthetic preparation); ANST (Analytical study);
PREP (Preparation)
(glycosylation and oxidn. products of iron binding protein)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

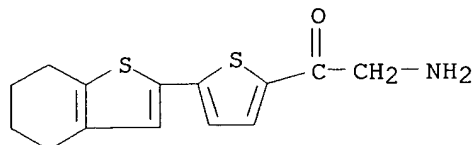
Absolute stereochemistry.



L5 ANSWER 112 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1998:750249 CAPLUS
DN 130:81362
TI Synthesis and characterization of mixed oligoheterocycles based on
end-capped oligothiophenes
AU Mitschke, Ullrich; Osteritz, Elena Mena; Debaerdemaeker, Tony; Sokolowski,
Moritz; Bauerle, Peter
CS Abteilung Organische Chemie II, Universitaet Ulm, Ulm, D-8908, Germany
SO Chemistry--A European Journal (1998), 4(11), 2211-2224
CODEN: CEUJED; ISSN: 0947-6539
PB Wiley-VCH Verlag GmbH

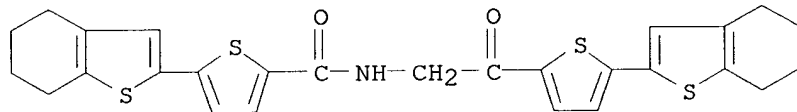
V. Balasubramanian

DT Journal
LA English
IT **218606-62-3P 218606-67-8P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and electronic properties of mixed oligoheterocycles based on
end-capped oligothiophenes)
RN 218606-62-3 CAPLUS
CN Ethanone, 2-amino-1-[5-(4,5,6,7-tetrahydrobenzo[b]thien-2-yl)-2-thienyl]-,
hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 218606-67-8 CAPLUS
CN 2-Thiophenecarboxamide, N-[2-oxo-2-[5-(4,5,6,7-tetrahydrobenzo[b]thien-2-yl)-2-thienyl]ethyl]-5-(4,5,6,7-tetrahydrobenzo[b]thien-2-yl)- (9CI) (CA INDEX NAME)

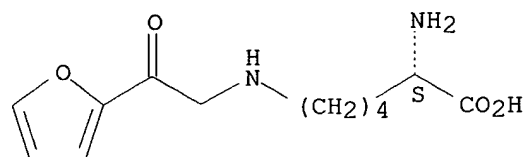


RE.CNT 84 THERE ARE 84 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 113 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1998:711012 CAPLUS
DN 130:80493
TI Improved method for the determination of furosine in food by capillary electrophoresis
AU Tirelli, Antonio
CS Dipartimento di Scienze e Tecnologie Alimentari e Microbiologiche (DI.S.T.A.M.), Universita degli Studi di Milano, Milan, 2, 20133, Italy
SO Journal of Food Protection (1998), 61(10), 1400-1404
CODEN: JFPRDR; ISSN: 0362-028X
PB International Association of Milk, Food and Environmental Sanitarians
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: ANT (Analyte); ANST (Analytical study)
(improved method for detn. of furosine in food by capillary electrophoresis)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

V. Balasubramanian

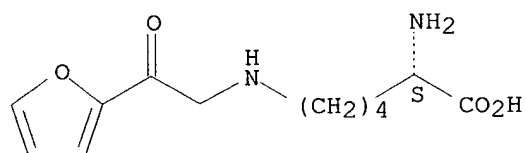
Absolute stereochemistry.



RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 114 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1998:591686 CAPLUS
DN 129:315318
TI Heat damage evaluation during tomato products processing
AU Hidalgo, Alyssa; Pompei, Carlo; Zambuto, Roberta
CS Dipartimento di Scienze e Tecnologie Alimentari e Microbiologiche (DISTAM)
 Sez. Tecnologie Alimentari, Universita degli Studi di Milano, Milan,
 20133, Italy
SO Journal of Agricultural and Food Chemistry (1998), 46(10), 4387-4390
 CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
IT **19746-33-9**, Furosine
 RL: BOC (Biological occurrence); BSU (Biological study, unclassified);
 BIOL (Biological study); OCCU (Occurrence)
 (heat damage evaluation using furosine during tomato products
 processing)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



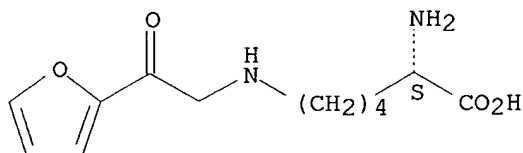
RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 115 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1998:587022 CAPLUS
DN 129:315207
TI Study of Hydroxymethylfurfural Formation from Acid Degradation of the
 Amadori Product in Milk-Resembling Systems
AU Morales, Francisco J.; Jimenez-Perez, Salvio
CS Departamento de Productos Lacteos, Instituto del Frio (C.S.I.C.) Ciudad
 Universitaria, Madrid, 28040, Spain
SO Journal of Agricultural and Food Chemistry (1998), 46(10), 3885-3890
 CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal

V. Balasubramanian

LA English
IT **19746-33-9**, Furosine
RL: FMU (Formation, unclassified); FORM (Formation, nonpreparative)
(hydroxymethylfurfural formation from acid dehydr. of Amadori product
in milk-resembling systems)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

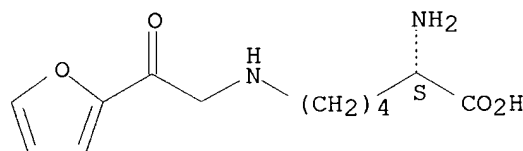
Absolute stereochemistry.



RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 116 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1998:583028 CAPLUS
DN 129:215850
TI HPLC determination of furosine in parboiled rice
AU Nardi, S.; Calcagno, C.; Zunin, P.; Evangelisti, F.
CS Sezione di Riscicoltura, Istituto Sperimentale per la Cerealicoltura,
Vercelli, 13100, Italy
SO Rivista di Scienza dell'Alimentazione (1998), 27(1), 29-34
CODEN: RSAIE3; ISSN: 1126-9480
PB Societa Editrice Alimenti, Alimentazione e Nutrizione s.r.l.
DT Journal
LA Italian
IT **19746-33-9**, Furosine
RL: ANT (Analyte); BPR (Biological process); BSU (Biological study,
unclassified); ANST (Analytical study); BIOL (Biological study); PROC
(Process)
(furosine detn. in parboiled rice by reversed-phase ion-paired HPLC)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

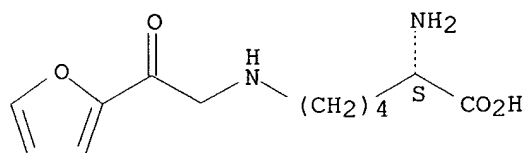


L5 ANSWER 117 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1998:561723 CAPLUS
DN 129:148257
TI .beta.-Lactoglobulin denaturation and furosine formation during continuous
microwave treatment of milk at temperatures of 90-120.degree.
AU Villamiel, Mar; Munoz, M. Mar; Hernandez, Amelia; Corzo, Nieves
CS Instituto Fermentaciones Industriales, Madrid, E-28006, Spain
SO Milchwissenschaft (1998), 53(8), 434-436

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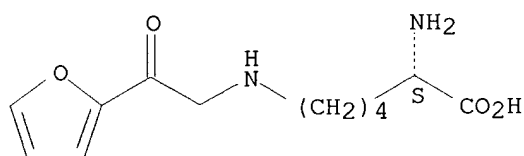
CODEN: MILCAD; ISSN: 0026-3788
PB VV-GmbH Volkswirtschaftlicher Verlag
DT Journal
LA English
IT **19746-33-9P**, Furosine
RL: BOC (Biological occurrence); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation)
(.beta.-lactoglobulin denaturation and furosine formation during continuous microwave treatment of milk)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 118 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1998:554540 CAPLUS
DN 129:306465
TI Increased formation of pentosidine and N.epsilon.-(carboxymethyl)lysine in end stage renal disease: role of dialysis clearance
AU Friedlander, Miriam A.; Wu, Yu Ching; Randle, Christopher P.; Baumgardner, Gavin P.; DeOreo, Peter B.; Monnier, Vincent M.
CS Department of Medicine, Case Western Reserve University, Cleveland, OH, 44106, USA
SO Special Publication - Royal Society of Chemistry (1998), 223(Maillard Reaction in Foods and Medicine), 339-344
CODEN: SROCD0; ISSN: 0260-6291
PB Royal Society of Chemistry
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative)
(role of dialysis clearance in increased formation of pentosidine and N.epsilon.-(carboxymethyl)lysine in human end stage renal disease)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

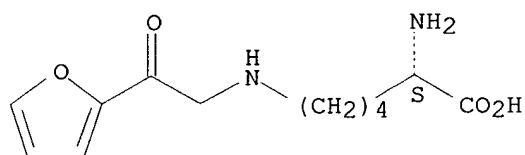


L5 ANSWER 119 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1998:450826 CAPLUS

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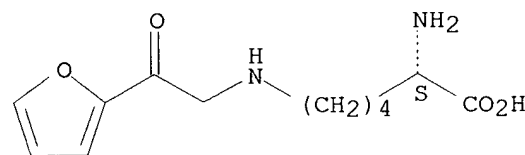
DN 129:135412
TI Determination of non enzymic-glycosylated proteins in bovine colostrum and mature human milk by measuring the furosine content
AU Clawin-Raedecker, I.; Schlimme, E.
CS Inst. Chemie Physik, Bundesanstalt Milchforschung, Kiel, D-24121, Germany
SO Kieler Milchwirtschaftliche Forschungsberichte (1998), 50(2), 133-146
CODEN: KMWFAF; ISSN: 0023-1347
PB Verlag Th. Mann
DT Journal
LA German
IT **19746-33-9**, Furosine
RL: BOC (Biological occurrence); BSU (Biological study, unclassified);
BIOL (Biological study); OCCU (Occurrence)
(non enzymic-glycosylated proteins in bovine colostrum and mature human milk measured by furosine detn.)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 120 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1998:431895 CAPLUS
DN 129:67030
TI Furosine as thermal damage marker in Mozzarella cheese from Sicily
AU Barbagallo, Riccardo N.; Lupo, Massimiliano; Tomaselli, Filippo
CS Istituto di Industrie Agrarie, Catania, 95123, Italy
SO Industrie Alimentari (Pinerolo, Italy) (1998), 37(370), 614-617
CODEN: INALBB; ISSN: 0019-901X
PB Chiriotti Editori spa
DT Journal
LA Italian
IT **19746-33-9**, Furosine
RL: ANT (Analyte); BPR (Biological process); BSU (Biological study, unclassified); ANST (Analytical study); BIOL (Biological study); PROC (Process)
(furosine detn. in cheese by HPLC as thermal damage marker in Mozzarella cheese)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

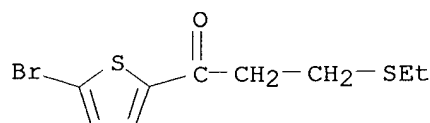


RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD

09/817,374

ALL CITATIONS AVAILABLE IN THE RE FORMAT

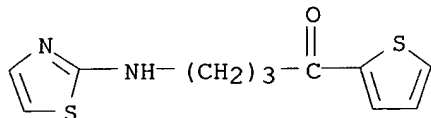
L5 ANSWER 121 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1998:302698 CAPLUS
 DN 129:40698
 TI Reaction of .beta.-ethylsulfanylpropionyl tetrafluoroborate with
 halogen-containing aromatic and heteroaromatic compounds
 AU Lebedev, Mikhail V.; Nenajdenko, Valentine G.; Balenkova, Elizabeth S.
 CS Department of Chemistry, Moscow State University, Moscow, 119899, Russia
 SO Tetrahedron (1998), 54(21), 5599-5606
 CODEN: TETRAB; ISSN: 0040-4020
 PB Elsevier Science Ltd.
 DT Journal
 LA English
 OS CASREACT 129:40698
 IT **203437-99-4P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (acylation of halogen-contg. arom. and heteroarom. compds. with
 ethylsulfanylpropionyl tetrafluoroborate)
 RN 203437-99-4 CAPLUS
 CN 1-Propanone, 1-(5-bromo-2-thienyl)-3-(ethylthio)- (9CI) (CA INDEX NAME)



RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

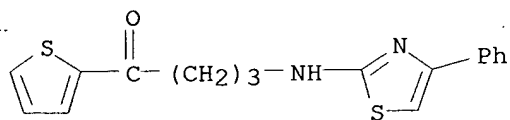
L5 ANSWER 122 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1998:199756 CAPLUS
 DN 128:321594
 TI Synthesis of some new 2-(3-aryloxy/aroylpropyl)amino-1,3-thiazole
 derivatives with anti-inflammatory activity
 AU Geronikaki, Athina A.; Hadjipavlou-Litina, Dimitra J.
 CS Dep. Pharmaceutical Chemistry, School Pharmacy, Aristotelian Univ.,
 Thessaloniki, 54006, Greece
 SO Arzneimittel-Forschung (1998), 48(3), 263-265
 CODEN: ARZNAD; ISSN: 0004-4172
 PB Editio Cantor Verlag
 DT Journal
 LA English
 OS CASREACT 128:321594
 IT **206431-14-3P 206431-15-4P**
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological
 study, unclassified); SPN (Synthetic preparation); BIOL (Biological
 study); PREP (Preparation)
 (prepn. of (aryloxy/aroylpropyl)aminothiazoles with anti-inflammatory
 activity)
 RN 206431-14-3 CAPLUS
 CN 1-Butanone, 4-(2-thiazolylamino)-1-(2-thienyl)-, dihydrochloride (9CI)
 (CA INDEX NAME)

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● 2 HCl

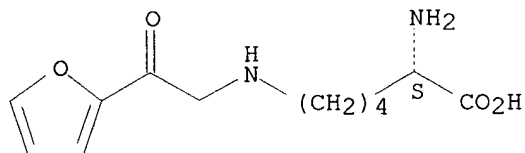
RN 206431-15-4 CAPLUS
CN 1-Butanone, 4-[(4-phenyl-2-thiazolyl)amino]-1-(2-thienyl)-,
dihydrochloride (9CI) (CA INDEX NAME)



● 2 HCl

L5 ANSWER 123 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1998:145662 CAPLUS
DN 128:216519
TI Microbore liquid chromatography and capillary electrophoresis in food analysis
AU Corradini, C.; Nicoletti, I.; Cannarsa, G.; Corradini, D.; Pizzoferrato, L.; Vivanti, V.
CS Istituto di Cromatografia del C.N.R. - Area della Ricerca di Roma, MONTEROTONDO STAZIONE, I-00016, Italy
SO Current Status and Future Trends in Analytical Food Chemistry, Proceedings of the European Conference on Food Chemistry, 8th, Vienna, Sept. 18-20, 1995 (1995), Volume 2, 299-302. Editor(s): Sontag, Gerhard; Pfannhauser, Werner. Publisher: Austrian Chemical Society, Vienna, Austria.
CODEN: 65SOA5
DT Conference
LA English
IT **19746-33-9**, Furosine
RL: ANT (Analyte); ANST (Analytical study)
(microbore liq. chromatog. and capillary electrophoresis in food anal.)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

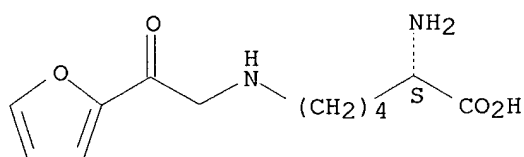
Absolute stereochemistry.



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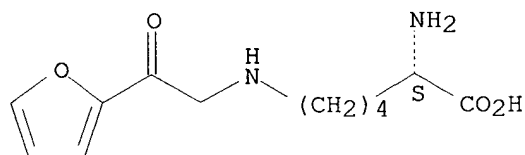
L5 ANSWER 124 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1998:145643 CAPLUS
DN 128:216509
TI A rapid microwave hydrolysis method for the furosine determination in cereal based foods
AU Acquistucci, R.; Marconi, E.; Panfili, G.
CS Istituto Nazionale della Nutrizione, Rome, 00178, Italy
SO Current Status and Future Trends in Analytical Food Chemistry, Proceedings of the European Conference on Food Chemistry, 8th, Vienna, Sept. 18-20, 1995 (1995), Volume 2, 211-214. Editor(s): Sontag, Gerhard; Pfannhauser, Werner. Publisher: Austrian Chemical Society, Vienna, Austria.
CODEN: 65SOA5
DT Conference
LA English
IT **19746-33-9, Furosine**
RL: ANT (Analyte); ANST (Analytical study)
(rapid microwave hydrolysis method for the furosine detn. in cereal based foods)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 125 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1998:130313 CAPLUS
DN 128:229584
TI Maillard reaction in milk-based foods: nutritional consequences
AU Pizzoferrato, Laura; Manzi, Pamela; Vivanti, Vittorio; Nicoletti, Isabella; Corradini, Claudio; Cogliandro, Eugenia
CS Istituto Nazionale della Nutrizione, Rome, 546-00178, Italy
SO Journal of Food Protection (1998), 61(2), 235-239
CODEN: JFPRDR; ISSN: 0362-028X
PB International Association of Milk, Food and Environmental Sanitarians
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: FMU (Formation, unclassified); FORM (Formation, nonpreparative)
(nutritional consequences of Maillard reaction in milk-based foods)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

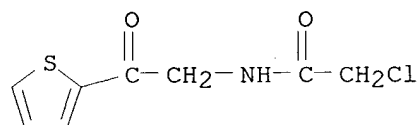
Absolute stereochemistry.



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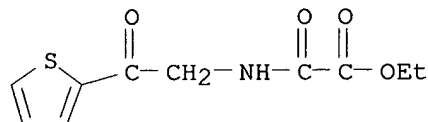
L5 ANSWER 126 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1998:87730 CAPLUS
DN 128:154084
TI Preparation of aralkylazoles as tyrosine kinase inhibitors useful as
antitumor agents.
IN Momose, Yu; Matsutani, Etsuya
PA Takeda Chemical Industries, Ltd., Japan; Momose, Yu; Matsutani, Etsuya
SO PCT Int. Appl., 151 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9803505	A2	19980129	WO 1997-JP2479	19970717
	WO 9803505	A3	19980625		
	W:	AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, HU, IL, IS, KG, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9734616	A1	19980210	AU 1997-34616	19970717
	EP 912562	A1	19990506	EP 1997-930819	19970717
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
	CN 1223653	A	19990721	CN 1997-195822	19970717
	CN 1077107	B	20020102		
	EP 1270571	A1	20030102	EP 2002-79001	19970717
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
	ZA 9706378	A	19990119	ZA 1997-6378	19970718
	JP 11060571	A2	19990302	JP 1997-193709	19970718
	US 6211215	B1	20010403	US 1998-180955	19981118
	CN 1349990	A	20020522	CN 2001-119519	20010518
PRAI	JP 1996-191100	A	19960719		
	JP 1997-155177	A	19970612		
	EP 1997-930819	A3	19970717		
	WO 1997-JP2479	W	19970717		
OS	MARPAT 128:154084				
IT	70996-66-6P 202595-26-4P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(prepn. of aralkylazoles as tyrosine kinase inhibitors useful as antitumor agents)				
RN	70996-66-6 CAPLUS				
CN	Acetamide, 2-chloro-N-[2-oxo-2-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)				

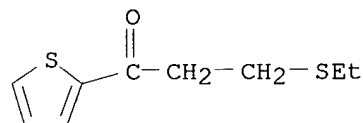


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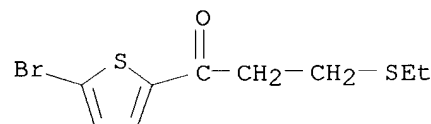
RN 202595-26-4 CAPLUS
CN Acetic acid, oxo[[2-oxo-2-(2-thienyl)ethyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)



L5 ANSWER 127 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1998:76489 CAPLUS
DN 128:179977
TI Reactions of .beta.-(ethylsulfanyl)propionyl tetrafluoroborate with electron-rich aromatics. A novel synthesis of aryl vinyl ketones
AU Lebedev, Mikhail V.; Nenajdenko, Valentine G.; Balenkova, Elizabeth S.
CS Department Chemistry, Moscow State University, Moscow, 119899, Russia
SO Synthesis (1998), (1), 89-93
CODEN: SYNTBF; ISSN: 0039-7881
PB Georg Thieme Verlag
DT Journal
LA English
OS CASREACT 128:179977
IT **203437-98-3P 203437-99-4P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of aryl vinyl ketones from (ethylthio)propionyl fluoroborate and arenes)
RN 203437-98-3 CAPLUS
CN 1-Propanone, 3-(ethylthio)-1-(2-thienyl)- (9CI) (CA INDEX NAME)



RN 203437-99-4 CAPLUS
CN 1-Propanone, 1-(5-bromo-2-thienyl)-3-(ethylthio)- (9CI) (CA INDEX NAME)

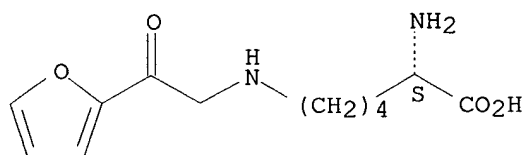


L5 ANSWER 128 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1998:66486 CAPLUS
DN 128:74459

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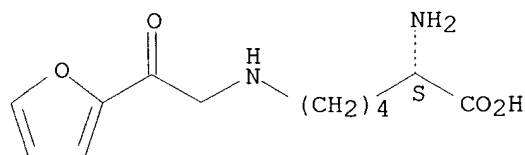
TI Structural Modification and Bioavailability of Starch Components As
Related to the Extent of Maillard Reaction: An Enzymic Degradation and a
Solid-State ^{13}C CPMAS NMR Study
AU Pizzoferrato, Laura; Paci, Maurizio; Rotilio, Giuseppe
CS National Institute of Nutrition, Rome, Italy
SO Journal of Agricultural and Food Chemistry (1998), 46(2), 438-441
CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL
(Biological study); FORM (Formation, nonpreparative)
(structural modification and bioavailability of starch components as
related to the extent of Maillard reaction)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 129 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1997:776700 CAPLUS
DN 128:47515
TI Ribonucleosides. Chemical parameters for controlling the heat treatment of
milk
AU Martin, D.; Kiesner, C.; Schlimme, E.
CS Inst. Chem. Phys., Bundesanstalt Milchlorschung, Kiel, D-24121, Germany
SO Nahrung (1997), 41(5), 258-267
CODEN: NAHRAR; ISSN: 0027-769X
PB Wiley-VCH Verlag GmbH
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BOC (Biological occurrence); BPR (Biological process); BSU (Biological
study, unclassified); BIOL (Biological study); OCCU (Occurrence); PROC
(Process)
(ribonucleosides as chem. parameters for controlling the heat treatment
of milk)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

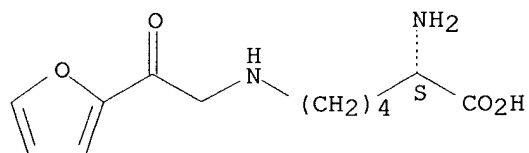
Absolute stereochemistry.



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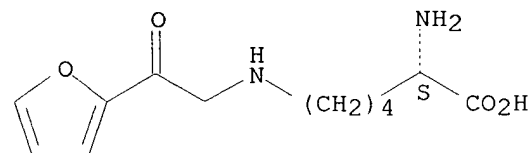
L5 ANSWER 130 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1997:760649 CAPLUS
DN 127:345461
TI Detection and determination of furosine by HPLC with a diode array
detector (HPLC-DAD)
AU Corradini, Claudio; Cogliandro, Eugenia; Nicoletti, Isabella
CS C.N.R. - Area Ricerca Roma, Italy
SO Laboratorio 2000 (1997), 11(6), 124-126
CODEN: LABOE4; ISSN: 1120-8376
PB Morgan Edizioni Tecniche
DT Journal
LA Italian
IT **19746-33-9, Furosine**
RL: ANT (Analyte); ANST (Analytical study)
(detn. of furosine in concd. milk by reversed phase HPLC)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



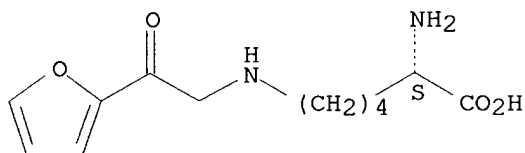
L5 ANSWER 131 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1997:636738 CAPLUS
DN 127:204671
TI Influence of Tumbling and Dextrose on Furosine Content in Cooked Ham
AU Pompei, Carlo; Spagnolello, Alessandro
CS Dipartimento di Scienze e Tecnologie Alimentari e Microbiologiche Sezione
di Tecnologie Alimentari, Universita degli Studi di Milano, Milan,
I-20133, Italy
SO Journal of Agricultural and Food Chemistry (1997), 45(10), 4080-4083
CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); FFD
(Food or feed use); BIOL (Biological study); OCCU (Occurrence); USES
(Uses)
(influence of tumbling and dextrose on furosine content in cooked ham)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



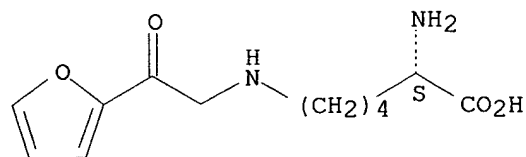
L5 ANSWER 132 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1997:623381 CAPLUS
DN 127:261932
TI Effect of the protein content and dilution on the lactulose/furosine ratio
in heat-treated milk
AU Montilla, Antonia; Olano, A.
CS Instituto Fermentaciones Industriales, Madrid, E-28006, Spain
SO Milchwissenschaft (1997), 52(9), 506-507
CODEN: MILCAD; ISSN: 0026-3788
PB VV-GmbH Volkswirtschaftlicher Verlag
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: BOC (Biological occurrence); BSU (Biological study, unclassified);
BIOL (Biological study); OCCU (Occurrence)
(effect of the protein content and diln. on the lactulose/furosine
ratio in heat-treated milk)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



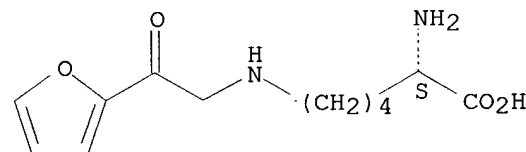
L5 ANSWER 133 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1997:582830 CAPLUS
DN 127:247283
TI Furosine as an index of heat treatment intensity in meat products: its
application to cooked ham
AU Pompei, C.; Spagnolello, A.
CS Dipartimento di Scienze e Tecnologie Alimentari e Microbiologiche,
Universita di Milano, Milan, Italy
SO Meat Science (1997), 46(2), 139-146
CODEN: MESCDN; ISSN: 0309-1740
PB Elsevier
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: ANT (Analyte); BPR (Biological process); BSU (Biological study,
unclassified); ANST (Analytical study); BIOL (Biological study); PROC
(Process)
(furosine as an index of heat treatment intensity in cooked ham)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 134 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1997:514263 CAPLUS
DN 127:148478
TI Influence of protein standardization and UHT heating on the furosine value and freezing point of milk
AU Rattray, W.; Gallmann, P.; Jelen, P.
CS Department of Agricultural, Food and Nutritional Science, University of Alberta, Edmonton, AB, Can.
SO Lait (1997), 77(2), 297-305
CODEN: LAITAG; ISSN: 0023-7302
PB Elsevier
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: ANT (Analyte); ANST (Analytical study)
(protein standardization and UHT heating effect on furosine value and f.p. of milk)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

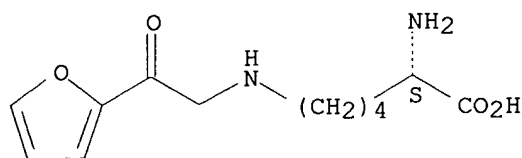


L5 ANSWER 135 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1997:514257 CAPLUS
DN 127:148524
TI Effects of heat load gradient occurring in molding on characterization and ripening of Grana Padano
AU Pellegrino, L.; Battelli, G.; Resmini, P.; Ferranti, P.; Barone, F.; Addeo, F.
CS National Research Council, Milk Centre, Milan, 20133, Italy
SO Lait (1997), 77(2), 217-228
CODEN: LAITAG; ISSN: 0023-7302
PB Elsevier
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(heat load gradient during molding effect on ripening of Grana Padano cheese)
RN 19746-33-9 CAPLUS

V. Balasubramanian

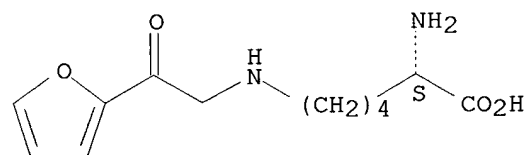
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 136 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1997:458726 CAPLUS
DN 127:80339
TI Study on Brocciu cheese: Determination of furosine and oxygen-18 as a
proof of the use of reconstituted whey
AU Meyer, Veronique; Saugues, Regine; Moussa, Issam
CS Lab. Interregional DGCCRF, Montpellier, 34196, Fr.
SO Annales des Falsifications de l'Expertise Chimique et Toxicologique
(1996), 89(937), 273-287
CODEN: AFETDF; ISSN: 0242-6110
PB Societe des Experts-Chimistes de France
DT Journal
LA French
IT **19746-33-9**, Furosine
RL: ANT (Analyte); FMU (Formation, unclassified); ANST (Analytical study);
FORM (Formation, nonpreparative)
(detection of illegal addn. of reconstituted whey in Brocciu cheese
making)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 137 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1997:403958 CAPLUS
DN 127:80259
TI Centripetal behavior of aging in Grana Padano and Parmigiano Reggiano
cheeses
AU Pellegrino, L.; Battelli, G.; Resmini, P.
CS Centro Studi Latte-CNR, Univ. Studi Milano, Milan, Italy
SO Scienza e Tecnica Lattiero-Casearia (1997), 48(1), 73-82
CODEN: SLCAAF; ISSN: 0390-6361
PB Associazione Italiana Tecnici del Latte
DT Journal; General Review
LA Italian
IT **19746-33-9**, Furosine
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL
(Biological study); PROC (Process)

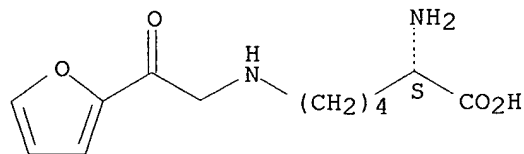
V. Balasubramanian

(centripetal behavior of aging in Grana Padano and Parmigiano Reggiano cheeses)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 138 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1997:392246 CAPLUS

DN 127:94256

TI Microwave hydrolysis for the rapid analysis of furosine in foods

AU Marconi, E.; Panfili, G.; Acquistucci, R.

CS DISTAAM, Universita del Molise, Campobasso, 86100, Italy

SO Italian Journal of Food Science (1997), 9(1), 47-55

CODEN: ITFSEY; ISSN: 1120-1770

PB Chiriotti

DT Journal

LA English

IT 19746-33-9, Furosine

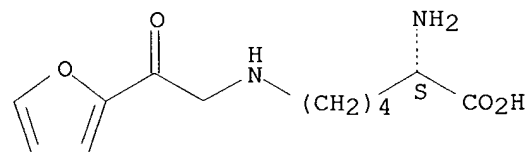
RL: ANT (Analyte); BOC (Biological occurrence); BSU (Biological study, unclassified); PRP (Properties); ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence)

(microwave hydrolysis for rapid anal. of furosine in foods)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 139 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1997:369506 CAPLUS

DN 127:75537

TI Synthesis, antioxidant and anti-inflammatory activity of novel substituted ethylenediamines and ethanolamines. A preliminary quantitative structure-activity relationship study

AU Andreadou, Ioanna; Rekka, Eleni A.; Demopoulos, Vassilis J.; Bijloo, Greetje J.; Kourounakis, Panos N.

CS School Pharmacy, Aristotelian Univ., Thessaloniki, 54006, Greece

SO Arzneimittel-Forschung (1997), 47(5), 643-647

CODEN: ARZNAD; ISSN: 0004-4172

PB Cantor

DT Journal

LA English

V. Balasubramanian

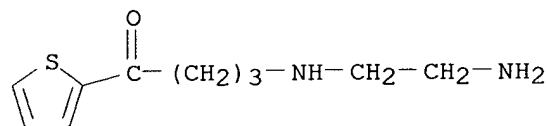
IT 134257-65-1 141809-39-4

RL: PRP (Properties)

(prepn., lipophilicity, QSAR, and antioxidant and anti-inflammatory activity of hydroxyaminoethanols and ethylenediamines)

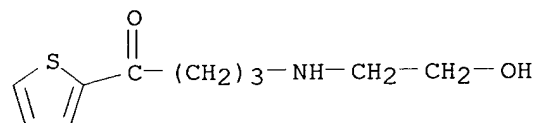
RN 134257-65-1 CAPLUS

CN 1-Butanone, 4-[(2-aminoethyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



RN 141809-39-4 CAPLUS

CN 1-Butanone, 4-[(2-hydroxyethyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 140 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1997:355355 CAPLUS

DN 127:80431

TI Effect of iron and lactose supplementation of milk on the Maillard reaction and tryptophan content

AU Birlouez-Aragon, Ines; Moreaux, Veronique; Nicolas, Marina; Ducauze, Christian J.

CS Lab. Chimie Analytique, Institut National Agronomique, Paris, 75005, Fr.

SO Food Additives and Contaminants (1997), 14(4), 381-388

CODEN: FACOEB; ISSN: 0265-203X

PB Taylor & Francis

DT Journal

LA English

IT 19746-33-9, Furosine

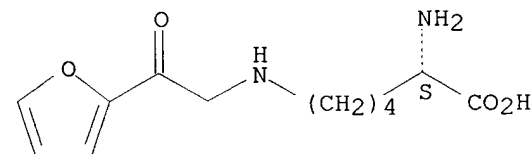
RL: FMU (Formation, unclassified); FORM (Formation, nonpreparative)

(effect of iron and lactose supplementation of milk on the Maillard reaction and tryptophan content)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

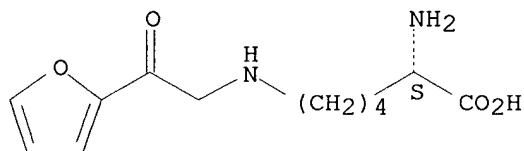
Absolute stereochemistry.



V. Balasubramanian

L5 ANSWER 141 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1997:343207 CAPLUS
DN 127:31968
TI Ageing promotes the increase of early glycation Amadori product as assessed by .epsilon.-N-(2-furoylmethyl)-L-lysine (furosine) levels in rodent skin collagen: the relationship to dietary restriction and glycooxidation
AU Sell, David R.
CS Inst. Pathol., Case Western Reserve Univ., Cleveland, OH, 44106, USA
SO Mechanisms of Ageing and Development (1997), 95(1,2), 81-99
CODEN: MAGDA3; ISSN: 0047-6374
PB Elsevier
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: BPR (Biological process); BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative); PROC (Process)
(aging promotes increase of early glycation Amadori product as assessed by .epsilon.-N-(2-furoylmethyl)-L-lysine (furosine) levels in rodent skin collagen and relationship to dietary restriction and glycoxidn.)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

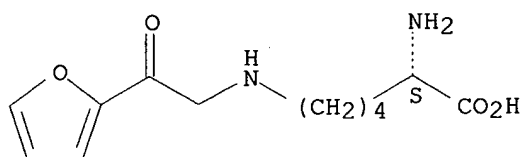
Absolute stereochemistry.



L5 ANSWER 142 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1997:249393 CAPLUS
DN 126:329661
TI Analysis of .epsilon.-N-2-furoylmethyl-L-lysine (Furosine) in concentrated milk by reversed phase chromatography with a microbore column
AU Nicoletti, I.; Cogliandro, E.; Corradini, C.; Corradini, D.
CS Istituto Cromatografia C.N.R., Rome, I-00016, Italy
SO Journal of Liquid Chromatography & Related Technologies (1997), 20(5), 719-729
CODEN: JLCTFC; ISSN: 1082-6076
PB Dekker
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: ANT (Analyte); ANST (Analytical study)
(anal. of furosine in milk by reversed phase chromatog. with a microbore column)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

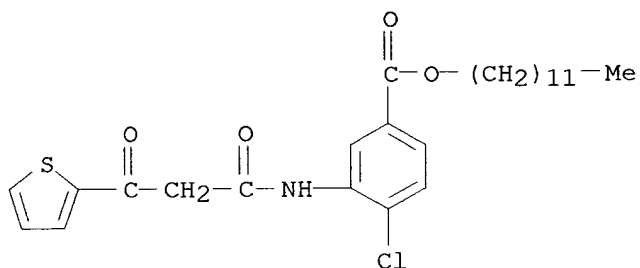
Absolute stereochemistry.

V. Balasubramanian

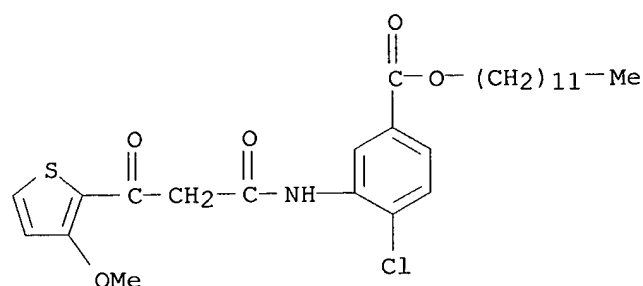


LS ANSWER 143 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1997:186832 CAPLUS
DN 126:192863
TI Image-dye-forming couplers and photographic elements containing them
IN Clark, Bernard Arthur James; Gourley, Robert Nicholas; McNab, Hamish;
Sommerville, Craig Cameron
PA Kodak Limited, UK; Eastman Kodak Company
SO Eur. Pat. Appl., 27 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 751427	A1	19970102	EP 1996-201757	19960625
	EP 751427	B1	20010328		
	R: DE, FR, GB				
	US 5693458	A	19971202	US 1996-669194	19960624
PRAI	GB 1995-13108	A	19950628		
OS	MARPAT 126:192863				
IT	187333-48-8P 187333-50-2P				
	RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)				
	(prepn. and use as yellow photog. coupler)				
RN	187333-48-8 CAPLUS				
CN	Benzoic acid, 4-chloro-3-[[1,3-dioxo-3-(2-thienyl)propyl]amino]-, dodecyl ester (9CI) (CA INDEX NAME)				

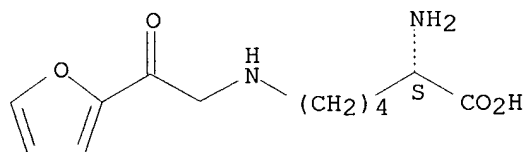


RN 187333-50-2 CAPLUS
CN Benzoic acid, 4-chloro-3-[[3-(3-methoxy-2-thienyl)-1,3-dioxopropyl]amino]-, dodecyl ester (9CI) (CA INDEX NAME)



L5 ANSWER 144 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:184286 CAPLUS
 DN 126:316717
 TI Formation of lactulose and furosine during heat treatment of milk at temperatures of 100-120.degree.
 AU De Rafael, D.; Villamiel, M.; Olano, A.
 CS Instituto Fermentaciones Industriales, Madrid, 28006, Spain
 SO Milchwissenschaft (1997), 52(2), 76-78
 CODEN: MILCAD; ISSN: 0026-3788
 PB VV-GmbH Volkswirtschaftlicher Verlag
 DT Journal
 LA English
 IT **19746-33-9, Furosine**
 RL: BPR (Biological process); BSU (Biological study, unclassified); FMU (Formation, unclassified); BIOL (Biological study); FORM (Formation, nonpreparative); PROC (Process)
 (formation of lactulose and furosine during heat treatment of milk at 100-120.degree.)
 RN 19746-33-9 CAPLUS
 CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

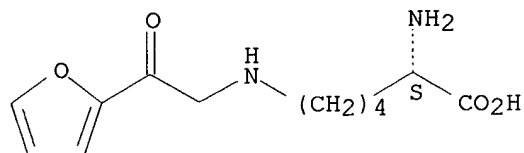


L5 ANSWER 145 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:121985 CAPLUS
 DN 126:222562
 TI Determination of furosine in hair by liquid chromatography-tandem mass spectrometry
 AU Takemura, Akira; Muramatsu, Shigeki; Kobayashi, Nobuhiro; Nakagawa, Akihiko; Kitazawa, Eiichi; Uematsu, Toshihiko
 CS Product Development Labs., Sankyo Co. Ltd., Tokyo, 140, Japan
 SO Biomedical Chromatography (1997), 11(1), 61-62
 CODEN: BICHE2; ISSN: 0269-3879
 PB Wiley
 DT Journal
 LA English

V. Balasubramanian

IT 19746-33-9, Furosine
RL: ANT (Analyte); ANST (Analytical study)
(furosine detn. in hair by LC-MS as protein glycation marker)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

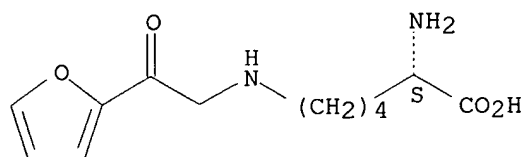


L5 ANSWER 146 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1997:9292 CAPLUS
DN 126:28820
TI Determination of glycosylated proteins
IN Torrens, David John; Shipley, Darren Paul; Poller, Sarah Catherine
PA Genzyme Limited, UK; Torrens, David John; Shipley, Darren Paul; Poller, Sarah Catherine
SO PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9634977	A1	19961107	WO 1996-EP1912	19960503
	W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN			
	CA 2218982	AA	19961107	CA 1996-2218982	19960503
	AU 9658152	A1	19961121	AU 1996-58152	19960503
	AU 694039	B2	19980709		
	EP 823943	A1	19980218	EP 1996-919704	19960503
	EP 823943	B1	19990728		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE			
	JP 11504808	T2	19990511	JP 1996-533023	19960503
	JP 3159451	B2	20010423		
	AT 182626	E	19990815	AT 1996-919704	19960503
	ES 2136418	T3	19991116	ES 1996-919704	19960503
	PL 183162	B1	20020531	PL 1996-323183	19960503
	US 6008006	A	19991228	US 1997-945724	19971105
PRAI	GB 1995-9248	A	19950505		
	GB 1995-16757	A	19950816		
	WO 1996-EP1912	W	19960503		
IT	19746-33-9, Furosine				
	RL: ANT (Analyte); ANST (Analytical study)				
	(glycoproteins detn. with proteinase and peroxidase and ketoamine oxidase)				
RN	19746-33-9 CAPLUS				
CN	L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)				

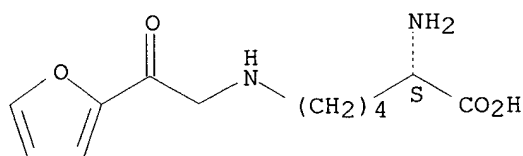
V. Balasubramanian

Absolute stereochemistry.



L5 ANSWER 147 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:750048 CAPLUS
DN 126:30517
TI Comparison of a rapid fluorimetric method with HPLC procedures applied to
heat treatment distinction of liquid milk
AU Birlouez-Aragon, I.; Nicolas, M.; Garcia, E.; Marchond, N.; Grenier, J.;
Calvo, D.
CS Analytical Chemistry Laboratory, Institut National Agronomique, Paris,
75231/05, Fr.
SO International Dairy Federation [Special Issue] S.I. (1996), 9602 (Heat
Treatments & Alternative Methods), 458-464
CODEN: IDFSEO; ISSN: 1025-8515
PB International Dairy Federation
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: FMU (Formation, unclassified); PEP (Physical, engineering or chemical
process); FORM (Formation, nonpreparative); PROC (Process)
(comparison of a rapid fluorimetric method with HPLC procedures applied
to heat treatment distinction of liq. milk)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

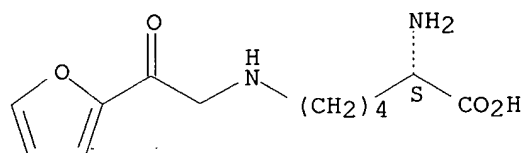


L5 ANSWER 148 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:750041 CAPLUS
DN 126:30512
TI Significance of the main chemical indicators of heat load for
characterizing raw, thermized, pasteurized and high temperature
pasteurized milk
AU Pellegrino, L.; Tirelli, A.; Masotti, F.; Resmini, P.
CS Milk Centre National Research Council, University Milan, Italy
SO International Dairy Federation [Special Issue] S.I. (1996), 9602 (Heat
Treatments & Alternative Methods), 373-388
CODEN: IDFSEO; ISSN: 1025-8515
PB International Dairy Federation
DT Journal
LA English

V. Balasubramanian

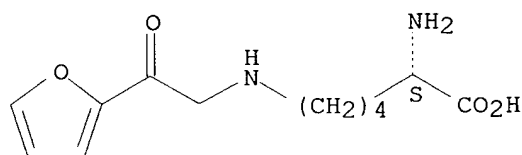
IT 19746-33-9, Furosine
RL: FMU (Formation, unclassified); PEP (Physical, engineering or chemical process); FORM (Formation, nonpreparative); PROC (Process)
(significance of the main chem. indicators of heat load for characterizing raw, thermized, pasteurized and high temp. pasteurized milk)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 149 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:738654 CAPLUS
DN 126:6792
TI Correlation between Lactulose and Furosine in UHT-Heated Milk
AU Montilla, Antonia; Calvo, Marta M.; Santa-Maria, Guillermo; Corzo, Nieves; Olano, Agustin
CS Instituto de Fermentaciones Industriales, Jan de la Cierva, Madrid, Spain
SO Journal of Food Protection (1996), 59(10), 1061-1064
CODEN: JFPRDR; ISSN: 0362-028X
PB International Association of Milk, Food and Environmental Sanitarians
DT Journal
LA English
IT 19746-33-9, Furosine
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); FMU (Formation, unclassified); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence)
(correlation between lactulose and furosine in UHT-heated milk)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

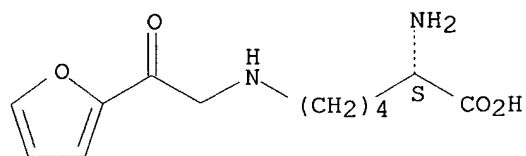


L5 ANSWER 150 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:708027 CAPLUS
DN 126:6652
TI Application of the Microwave Hydrolysis to Furosine Determination in Cereal and Dairy Foods
AU Acquistucci, R.; Panfili, G.; Marconi, E.
CS Istituto Nazionale Nutrizione, Rome, 00178, Italy
SO Journal of Agricultural and Food Chemistry (1996), 44(12), 3855-3857
CODEN: JAFCAU; ISSN: 0021-8561

V. Balasubramanian

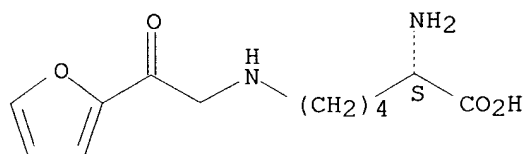
PB American Chemical Society
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: ANT (Analyte); PEP (Physical, engineering or chemical process); ANST (Analytical study); PROC (Process)
(application of the microwave hydrolysis to furosine detn. in cereal and dairy foods)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 151 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:695000 CAPLUS
DN 126:6668
TI Furosine determination in baby cereals by ion-pair reversed-phase liquid chromatography
AU Guerra-Hernandez, E.; Corzo, N.
CS Dep. de Nutricion y Bromatologfa, Univ. de Granada, Granada, 18012, Spain
SO Cereal Chemistry (1996), 73(6), 729-731
CODEN: CECHAF; ISSN: 0009-0352
PB American Association of Cereal Chemists
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: ANT (Analyte); ANST (Analytical study)
(furosine detn. in baby cereals by ion-pair reversed-phase liq. chromatog.)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

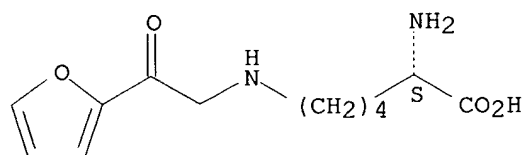


L5 ANSWER 152 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:673519 CAPLUS
DN 125:326653
TI Capillary electrophoresis applied to the analysis of furosine in milk
AU Del Giovine, L.; Bocca, A.
CS Lab. Alimenti, Istituto Superiore di Sanita, Italy
SO Rivista di Scienza dell'Alimentazione (1996), 25(3), 247-252
CODEN: RSAIE3; ISSN: 0391-4887

V. Balasubramanian

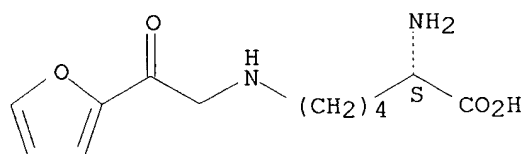
PB Societa Editrice Alimenti, Alimentazione e Nutrizione s.r.l.
DT Journal
LA Italian
IT **19746-33-9**, Furosine
RL: ANT (Analyte); ANST (Analytical study)
(capillary electrophoresis applied to the anal. of furosine in milk)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 153 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:645938 CAPLUS
DN 126:17363
TI Interactions of elastin and aorta with sugars in vitro and their effects on biochemical and physical properties
AU Winlove, C. P.; Parker, K. H.; Avery, N. C.; Bailey, A. J.
CS Centre Biological Medical Systems, Imperial College Science Technology Medicine, London, SW7 2BY, UK
SO Diabetologia (1996), 39(10), 1131-1139
CODEN: DBTGAI; ISSN: 0012-186X
PB Springer
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(elastin and aorta interaction with sugars in vitro and their biochem. and phys. properties)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 154 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:640128 CAPLUS
DN 125:274197
TI The Maillard reaction in pasta: preliminary classification by multivariate techniques
AU Acquistucci, R.
CS Istituto Nazionale della Nutrizione, Rome, 00178, Italy
SO Food Science & Technology (London) (1996), 29(7), 626-631

V. Balasubramanian

CODEN: LBWTAP; ISSN: 0023-6438

PB Academic

DT Journal

LA English

IT 19746-33-9, Furosine

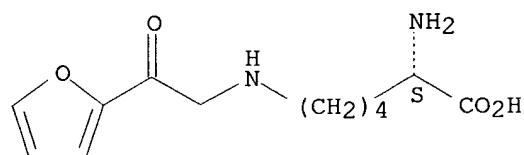
RL: BOC (Biological occurrence); BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence); PROC (Process)

(Maillard reaction contribution to pasta compn. and properties)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 155 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1996:612962 CAPLUS

DN 125:274082

TI Chemical changes during microwave treatment of milk

AU Villamiel, M.; Corzo, N.; Martinez-Castro, I.; Olano, A.

CS Instituto Fermentaciones Industriales, Madrid, E-28006, Spain

SO Food Chemistry (1996), 56(4), 385-388

CODEN: FOCHDJ; ISSN: 0308-8146

PB Elsevier

DT Journal

LA English

IT 19746-33-9, Furosine

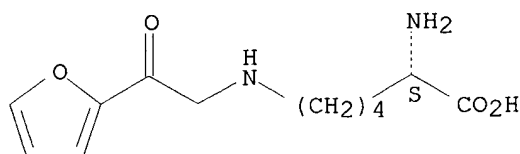
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)

(chem. changes during microwave treatment of milk)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 156 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1996:508868 CAPLUS

DN 125:211841

TI Anti-inflammatory activity of some novel 1-[3-(arylo)] and one 1-[3-(aryloxy)]propyl aminothiazole in correlation with structure and lipophilicity

AU Hadjipavlou-Litina, Dimitra J.; Geronikaki, Athina A.

CS Sch. Pharm., Univ. Thessaloniki, Thessaloniki, 54006, Greece

V. Balasubramanian

SO Arzneimittel-Forschung (1996), 46(8), 805-808

CODEN: ARZNAD; ISSN: 0004-4172

PB Cantor

DT Journal

LA English

IT 181191-61-7 181191-62-8 181191-63-9

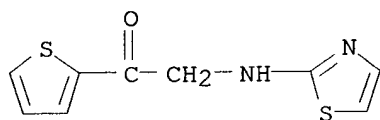
181191-65-1

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)

(antiinflammatory activity of aroyl- and aryloxypropyl aminothiazoles in relation to structure and lipophilicity)

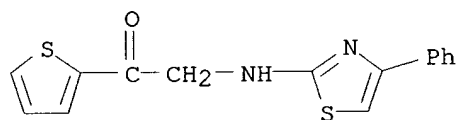
RN 181191-61-7 CAPLUS

CN Ethanone, 2-(2-thiazolylamino)-1-(2-thienyl)- (9CI) (CA INDEX NAME)



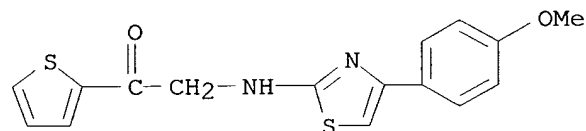
RN 181191-62-8 CAPLUS

CN Ethanone, 2-[[4-(4-phenyl-2-thiazolyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



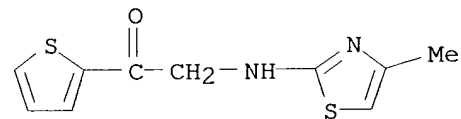
RN 181191-63-9 CAPLUS

CN Ethanone, 2-[[4-(4-methoxyphenyl)-2-thiazolyl]amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



RN 181191-65-1 CAPLUS

CN Ethanone, 2-[(4-methyl-2-thiazolyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)

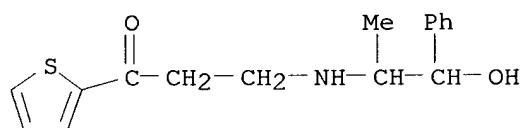


L5 ANSWER 157 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1996:491939 CAPLUS

V. Balasubramanian

DN 125:212183
TI Effects of thiofedrine on platelet aggregation, thromboxane B2 and 6-keto-PGF1.alpha. in rats
AU Qu, Yun-Zhi; Wang, Yue-E.; Li, Xi-Xian
CS Department Pharmacology, Inner Mongolia Medical College, Huhhot, Peop. Rep. China
SO Methods and Findings in Experimental and Clinical Pharmacology (1996), 18(5), 297-300
CODEN: MFEPDX; ISSN: 0379-0355
PB Prous
DT Journal
LA English
IT **28745-69-9**, 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-hydrochloride
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(effects of thiofedrine on platelet aggregation, thromboxane B2 and 6-keto-PGF1.alpha. in rats)
RN 28745-69-9 CAPLUS
CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)

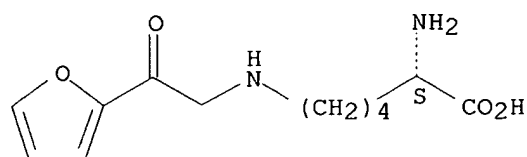


● HCl

L5 ANSWER 158 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:401778 CAPLUS
DN 125:85097
TI Sensitive determination of lysinoalanine for distinguishing natural from imitation Mozzarella cheese
AU Pellegrino, L.; Resmini, P.; De Noni, I.; Masotti, F.
CS Milk Cent. Natl. Res. Council, State Univ. Milan, Milan, 20133, Italy
SO Journal of Dairy Science (1996), 79(5), 725-734
CODEN: JDSCAE; ISSN: 0022-0302
PB American Dairy Science Association
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative)
(lysinoalanine and furosine detn. for distinguishing natural from imitated Mozzarella cheese)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

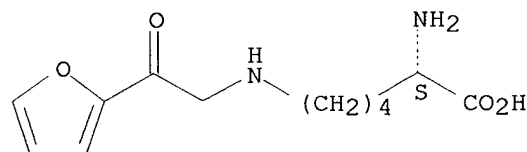
Absolute stereochemistry.

V. Balasubramanian



L5 ANSWER 159 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:383378 CAPLUS
DN 125:85107
TI Furosine in consumption milk and milk powders
AU Van Renterghem, Roland; De Block, Jan
CS Government Dairy Research Station, Melle, B-9090, Belg.
SO International Dairy Journal (1996), 6(4), 371-382
CODEN: IDAJE6; ISSN: 0958-6946
PB Elsevier
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); FMU (Formation, unclassified); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence)
(of milk and milk powders in Belgium in relation to processing conditions)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

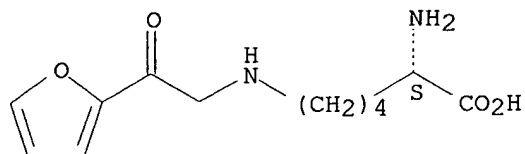
Absolute stereochemistry.



L5 ANSWER 160 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:357238 CAPLUS
DN 125:84913
TI New methodological approaches for the analytical control of heat damage in milk
AU Del Giovine, Luciana; Bocca, Adriana
CS Lab. Alimenti, Istituto Superiore di Sanita, Italy
SO Rapporti ISTISAN (1995), 95/40, 18 pp.
CODEN: RAISEF; ISSN: 1123-3117
DT Report
LA Italian
IT **19746-33-9**, Furosine
RL: ANT (Analyte); ANST (Analytical study)
(new methodol. approaches for detn. of heat damage in milk)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

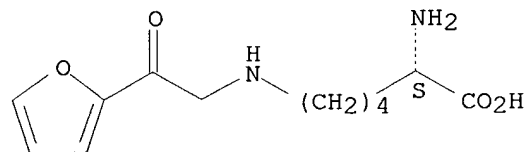
Absolute stereochemistry.

V. Balasubramanian



L5 ANSWER 161 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:318452 CAPLUS
DN 124:341348
TI Evolution of Chemical and Physical Yolk Characteristics during the Storage of Shell Eggs
AU Hidalgo, Alyssa; Lucisano, Mara; Comelli, Elena M.; Pompei, Carlo
CS Dipartimento di Scienze e Tecnologie Alimentari e Microbiologiche, Università degli Studi di Milano, Milan, 20133, Italy
SO Journal of Agricultural and Food Chemistry (1996), 44(6), 1447-1452
CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative)
(evolution of chem. and phys. yolk characteristics during the storage of shell eggs)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

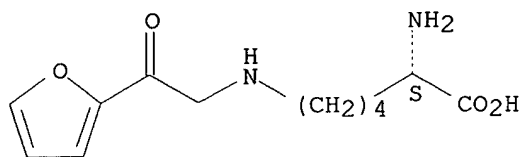
Absolute stereochemistry.



L5 ANSWER 162 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:318329 CAPLUS
DN 124:341660
TI Absorption of Lysine and Deoxyketosyllysine in an Early-Maillard Browning Casein by the Growing Pig
AU Moughan, Paul J.; Gall, Mark P. J.; Rutherford, Shane M.
CS Monogastric Research Centre, Massey University, Palmerston North, N. Z.
SO Journal of Agricultural and Food Chemistry (1996), 44(6), 1520-1525
CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(absorption of lysine and deoxyketosyllysine in an early-Maillard browned casein by the growing pig)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

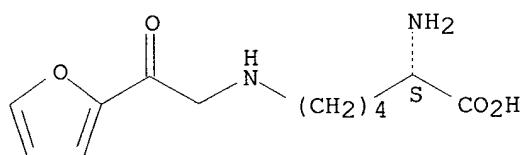
V. Balasubramanian

Absolute stereochemistry.



L5 ANSWER 163 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:300513 CAPLUS
DN 125:56762
TI Use of furosine as an indicator of thermal drying in pasta production
AU Mecucci, Maria Letizia; Acquistucci, Rita; Selvatico, Alessandro
CS Istituti di Merceologia, Universita degli Studi di Perugia, Italy
SO Rivista di Merceologia (1995), 34(3), 173-179
CODEN: RIMEDE; ISSN: 0392-064X
PB Cooperativa Libreria Universitaria Editrice
DT Journal
LA Italian
IT **19746-33-9, Furosine**
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); PEP
(Physical, engineering or chemical process); BIOL (Biological study); OCCU
(Occurrence); PROC (Process)
(use of furosine as an indicator of thermal drying in pasta prodn.)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

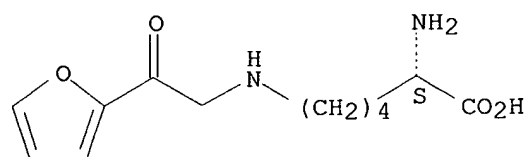


L5 ANSWER 164 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:256402 CAPLUS
DN 124:287471
TI Evolution of Chemical and Physical Albumen Characteristics during the
Storage of Shell Eggs
AU Lucisano, Mara; Hidalgo, Alyssa; Comelli, Elena M.; Rossi, Margherita
CS Dipartimento di Scienze e Tecnologie Alimentari e Microbiologiche,
Universita degli Studi di Milano, Milan, 20133, Italy
SO Journal of Agricultural and Food Chemistry (1996), 44(5), 1235-40
CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: FMU (Formation, unclassified); FORM (Formation, nonpreparative)
(evolution of chem. and phys. albumen characteristics during the
storage of shell eggs)
RN 19746-33-9 CAPLUS

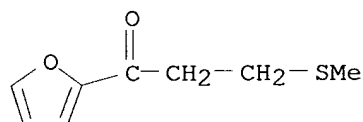
V. Balasubramanian

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 165 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:197539 CAPLUS
DN 124:342199
TI Stepwise controlled reduction of .alpha.-oxoketene dithioacetals with
Zn/ZnCl2-TMEDA in ethanol
AU Yadav, K. Mallik; Suresh, Joghee R.; Patro, Balaram; Ila, Hiriyakkanavar;
Junjappa, Hiriyakkanavar
CS Dep. Chemistry, North-Eastern Hill Univ., Shillong, 793 003, India
SO Tetrahedron (1996), 52(13), 4679-86
CODEN: TETRAB; ISSN: 0040-4020
PB Elsevier
DT Journal
LA English
OS CASREACT 124:342199
IT **176646-25-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(redn. of oxoketene dithioacetals with zinc/zinc dichloride-TMEDA in
ethanol)
RN 176646-25-6 CAPLUS
CN 1-Propanone, 1-(2-furanyl)-3-(methylthio)- (9CI) (CA INDEX NAME)



L5 ANSWER 166 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:187781 CAPLUS
DN 124:270535
TI Early and advanced glycosylation end products. Kinetics of formation and
clearance in peritoneal dialysis
AU Friendlander, Miriam A.; Wu, Yu Ching; Elgawish, Abdelhamid; Monnier,
Vincent M.
CS Dep. Medicine and Institute Pathology, Case-Western Reserve Univ.,
Cleveland, OH, 44106, USA
SO Journal of Clinical Investigation (1996), 97(3), 728-35
CODEN: JCINAO; ISSN: 0021-9738
PB Rockefeller University Press
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL

V. Balasubramanian

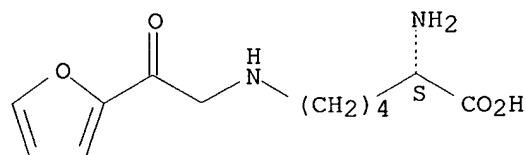
(Biological study); FORM (Formation, nonpreparative)

(early and advanced glycosylation end products; kinetics of formation and clearance in peritoneal dialysis)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 167 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1996:178291 CAPLUS

DN 124:230297

TI Determination of furosine in dairy products by capillary zone electrophoresis: a comparison with the HPLC method

AU Tirelli, A.; Pellegrino, L.

CS Dipartimento di Scienze e Tecnologie Alimentari e Microbiologiche, Università degli Studi di Milano, Milano, 20133, Italy

SO Italian Journal of Food Science (1995), 7(4), 379-85

CODEN: ITFSEY; ISSN: 1120-1770

PB Chiriotti

DT Journal

LA English

IT 19746-33-9, Furosine

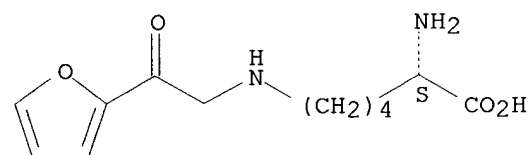
RL: ANT (Analyte); ANST (Analytical study)

(detn. of furosine in dairy products by capillary zone electrophoresis and comparison with the HPLC method)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 168 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1996:175289 CAPLUS

DN 124:230414

TI Maillard reaction in microwave cooking: comparison of early Maillard products in conventionally and microwave-heated milk

AU Meissner, Karin; Erbersdobler, Helmut F.

CS Inst. Human Nutrition Food Sci., Christian-Albrechts-Univ., Kiel, D-24105, Germany

SO Journal of the Science of Food and Agriculture (1996), 70(3), 307-10

CODEN: JSFAAE; ISSN: 0022-5142

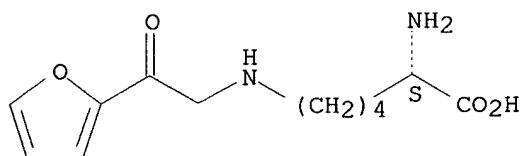
PB Wiley

DT Journal

V. Balasubramanian

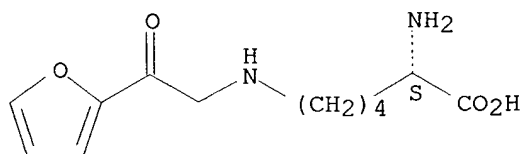
LA English
IT **19746-33-9**, Furosine
RL: FMU (Formation, unclassified); FORM (Formation, nonpreparative)
(Maillard reaction products in microwave cooking as compared to
conventional-heated milk)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 169 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:145959 CAPLUS
DN 124:259147
TI The browning of wheat germ preparations. Part 2. Non-enzymic processes
AU El-Zeany, B. A.; Tawakkol, M. S.; Shehata, M. A.; Berger, R. G.
CS Fac. Pharm., Cairo Univ., Cairo, 11562, Egypt
SO Chemie, Mikrobiologie, Technologie der Lebensmittel (1995), 17(5/6), 135-8
CODEN: CMTLBX; ISSN: 0366-7154
PB Dr. G. Leupold
DT Journal
LA English
IT **19746-33-9P**, Furosine
RL: BSU (Biological study, unclassified); BYP (Byproduct); BIOL
(Biological study); PREP (Preparation)
(browning of wheat germ preps. and their nonenzymic processed
products)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

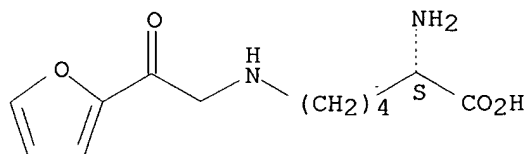


L5 ANSWER 170 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:104870 CAPLUS
DN 124:143919
TI Analysis of .epsilon.-N-2-furoylmethyl-L-lysine (furosine) in dried milk
by capillary electrophoresis with controlled electroosmotic flow using
N,N,N',N'-tetramethyl-1,3-butanediamine in the running electrolyte
solution
AU Corradini, Danilo; Cannarsa, Gianfranco; Corradini, Claudio; Nicoletti,
Isabella; Pizzoferrato, Laura; Vivanti, Vittorio
CS Ist. Cromatografia, CNR, I-00016, Italy
SO Electrophoresis (1996), 17(1), 120-4

V. Balasubramanian

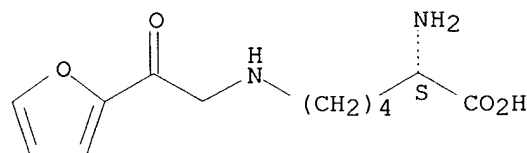
CODEN: ELCTDN; ISSN: 0173-0835
PB VCH
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: ANT (Analyte); ANST (Analytical study)
(detn. of furosine in dry milk by capillary electrophoresis with
controlled electroosmotic flow)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 171 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1996:77877 CAPLUS
DN 124:173983
TI Effect of thermal treatment on the content of furosine in cows milk
AU Clasadonte, Maria Teresa; Zerbo, Antonio; Ciraolo, Luigi
CS Univ. degli Studi, Cantania, 95129, Italy
SO Industrie Alimentari (Pinerolo, Italy) (1995), 34(341), 1016-19
CODEN: INALBB; ISSN: 0019-901X
PB Chiriotti
DT Journal
LA Italian
IT **19746-33-9, Furosine**
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL
(Biological study); PROC (Process)
(effect of thermal treatment on the content of furosine in cows milk)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 172 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1995:992453 CAPLUS
DN 124:30255
TI Preparation of steroidal disaccharide glycosides as hypocholesterolemic
and antiatherosclerosis agents
IN Deninno, Michael Paul
PA Pfizer Inc., USA
SO PCT Int. Appl., 102 pp.
CODEN: PIXXD2

V. Balasubramanian

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9518143	A1	19950706	WO 1994-IB348	19941110
	W: AU, BG, BR, CA, CN, CZ, HU, JP, KR, LV, NO, NZ, PL, RO, RU, SI, SK, UA, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2180148	AA	19950706	CA 1994-2180148	19941110
	AU 9479483	A1	19950717	AU 1994-79483	19941110
	EP 737202	A1	19961016	EP 1994-930330	19941110
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	JP 09500906	T2	19970128	JP 1994-517868	19941110
	FI 9406105	A	19950629	FI 1994-6105	19941227
	BR 9502969	A	19970923	BR 1995-2969	19950628
PRAI	US 1993-174099		19931228		
	WO 1994-IB348		19941110		

OS MARPAT 124:30255

IT **171660-73-4P**

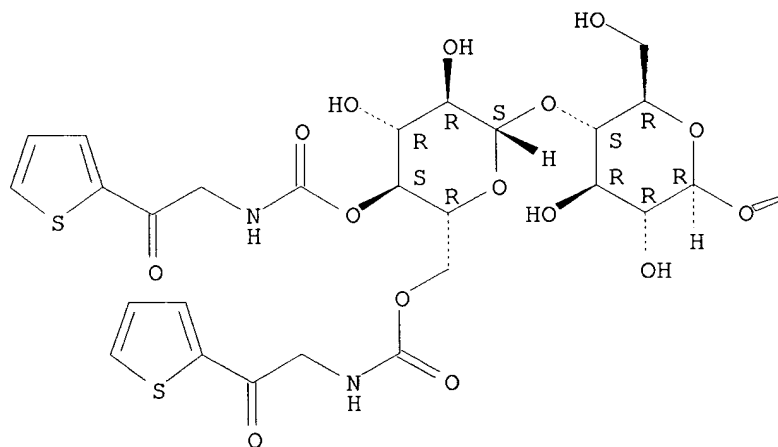
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of spirostanyl disaccharide glycosides as hypocholesterolemic and antiatherosclerosis agents)

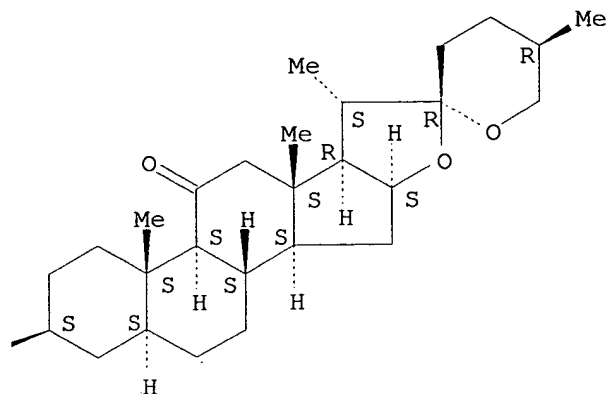
RN 171660-73-4 CAPLUS

CN Spirostan-11-one, 3-[[4-O-[4,6-bis-O-[[[2-oxo-2-(2-thienyl)ethyl]amino]carbonyl]-.beta.-D-glucopyranosyl]-.beta.-D-glucopyranosyl]oxy]-, (3.beta.,5.alpha.,25R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

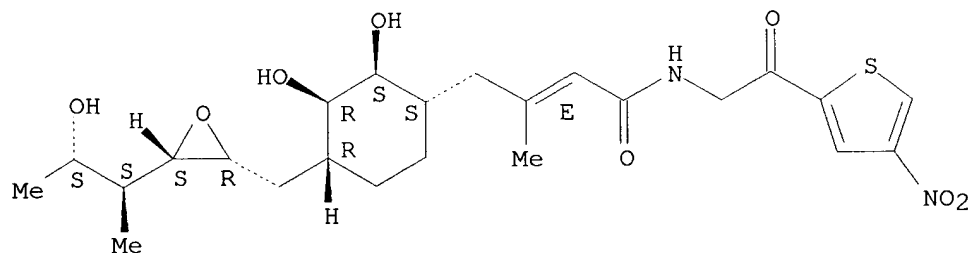
PAGE 1-A





L5 ANSWER 173 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:968342 CAPLUS
 DN 124:193346
 TI The chemistry of pseudomonic acid. Part 14. Synthesis and in vivo biological activity of heterocycle-substituted oxazole derivatives
 AU Broom, N. J. P.; Elder, J. S.; Hannan, P. C. T.; Pons, J. E.; O'Hanlon, P. J.; Walker, G.; Wilson, J.; Woodall, P.
 CS SmithKline Beecham Pharmaceuticals, Betchworth, Surrey, RH3 7AJ, UK
 SO Journal of Antibiotics (1995), 48(11), 1336-44
 CODEN: JANTAJ; ISSN: 0021-8820
 PB Japan Antibiotics Research Association
 DT Journal
 LA English
 IT **173038-59-0P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (bactericidal intermediate; prepn. and cyclization of)
 RN 173038-59-0 CAPLUS
 CN 2-Butenamide, 4-[2,3-dihydroxy-4-[[3-(2-hydroxy-1-methylpropyl)oxiranyl]methyl]cyclohexyl]-3-methyl-N-[2-(4-nitro-2-thienyl)-2-oxoethyl]-, [1S-[1.alpha.(E),2.beta.,3.beta.,4.alpha.[2S*,3R*(1R*,2R*)]]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



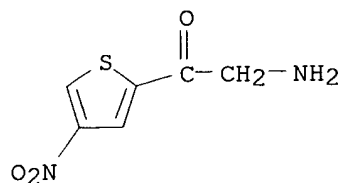
IT **173038-49-8P 173038-51-2P**

V. Balasubramanian

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and bactericidal activity of heterocycle-substituted oxazole
derivs.)

RN 173038-49-8 CAPLUS

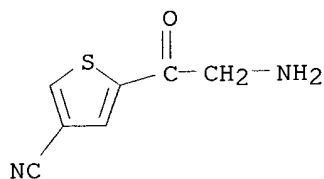
CN Ethanone, 2-amino-1-(4-nitro-2-thienyl)-, monohydrochloride (9CI) (CA
INDEX NAME)



● HCl

RN 173038-51-2 CAPLUS

CN 3-Thiophenecarbonitrile, 5-(aminoacetyl)-, monohydrochloride (9CI) (CA
INDEX NAME)



● HCl

L5 ANSWER 174 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1995:864083 CAPLUS

DN 124:7425

TI Coupling of lactulose and furosine indices for quality evaluation of
sterilized milk

AU Pellegrino, L.; De Noni, I.; Resmini, P.

CS Milk Centre, National Research Council, Milan, Italy

SO International Dairy Journal (1995), 5(7), 647-59

CODEN: IDAJE6; ISSN: 0958-6946

PB Elsevier

DT Journal

LA English

IT 19746-33-9, Furosine

RL: ANT (Analyte); ANST (Analytical study)

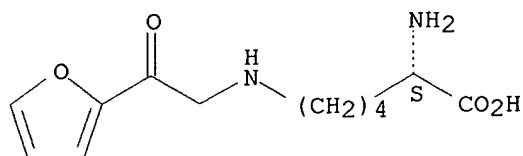
(coupling of lactulose and furosine indexes for quality evaluation of
sterilized milk)

RN 19746-33-9 CAPLUS

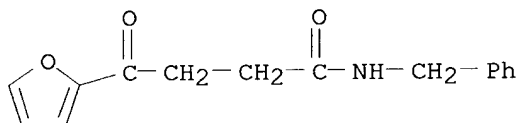
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

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Absolute stereochemistry.

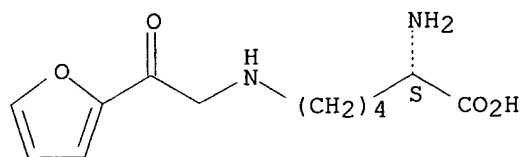


L5 ANSWER 175 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1995:788041 CAPLUS
DN 123:338666
TI Acetylenic amides. 2. The generation and reactions of dianions derived from 2-propynamides
AU Coppola, Gary M.; Damon, Robert E.
CS Sandoz Research Institute, Sandoz Pharmaceuticals Corporation, East Hanover, NJ, 07936, USA
SO Journal of Heterocyclic Chemistry (1995), 32(4), 1133-9
CODEN: JHTCAD; ISSN: 0022-152X
PB HeteroCorporation
DT Journal
LA English
OS CASREACT 123:338666
IT **170805-88-6P**
RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)
RN 170805-88-6 CAPLUS
CN 2-Furanbutanamide, .gamma.-oxo-N-(phenylmethyl)- (9CI) (CA INDEX NAME)



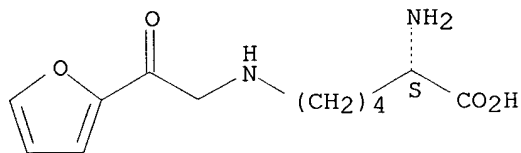
L5 ANSWER 176 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1995:756258 CAPLUS
DN 123:141998
TI HPLC analysis of furosine as an indicator of lysine residue glycation of milk protein
AU Watanabe, Kazutoshi; Nakamura, Fumihiko; Suyama, Kyozo
CS Fac. Agric., Tohoku Univ., Sendai, 981, Japan
SO Animal Science and Technology (1995), 66(3), 293-8
CODEN: ALSTEQ; ISSN: 0918-2365
DT Journal
LA Japanese
IT **19746-33-9**, Furosine
RL: ANT (Analyte); ANST (Analytical study) (HPLC detn. of furosine as index of lysine glycation in proteins of milk and milk preps. and dairy products)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 177 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:729362 CAPLUS
 DN 123:254804
 TI Determination of furosine in pasteurized milk by use of ion-pair reversed-phase liquid chromatography.
 AU Clawin-Raedecker, I.; Schlimme, E.
 CS Institut Chemie und Physik, Bundesanstalt Milchwirtschaft, Kiel, Germany
 SO Kieler Milchwirtschaftliche Forschungsberichte (1995), 47(2), 169-75
 CODEN: KMWFAF; ISSN: 0023-1347
 PB Verlag Th. Mann
 DT Journal
 LA English
 IT **19746-33-9**, Furosine
 RL: ANT (Analyte); POL (Pollutant); ANST (Analytical study); OCCU (Occurrence)
 (detn. of furosine in pasteurized milk by use of ion-pair reversed-phase liq. chromatog.)
 RN 19746-33-9 CAPLUS
 CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

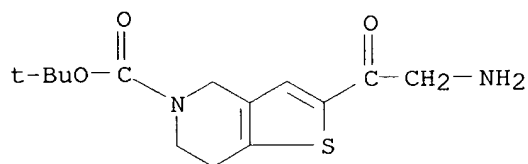


L5 ANSWER 178 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:723127 CAPLUS
 DN 123:143870
 TI preparation of novel heterocyclic compounds as platelet aggregation inhibitors
 IN Katano, Kiyoaki; Ohuchi, Shokichi; Shitara, Eiki; Shimizu, Masaro; Yaegashi, Kazue; Miura, Tomoaki; Isomura, Yasuko; Iida, Hiroyuki; Ishikawa, Midori; et al.
 PA Meiji Seika K. K., Japan
 SO PCT Int. Appl., 190 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9421599	A1	19940929	WO 1994-JP437	19940317
	W: AU, CA, CN, JP, KR, NO, NZ, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				

V. Balasubramanian

CA 2136007	AA 19940929	CA 1994-2136007	19940317
AU 9462638	A1 19941011	AU 1994-62638	19940317
AU 688756	B2 19980319		
EP 641770	A1 19950308	EP 1994-910038	19940317
EP 641770	B1 19980513		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE			
CN 1107277	A 19950823	CN 1994-190209	19940317
CN 1045084	B 19990915		
AT 166047	E 19980515	AT 1994-910038	19940317
ES 2117264	T3 19980801	ES 1994-910038	19940317
NO 9404371	A 19950113	NO 1994-4371	19941116
US 5594004	A 19970114	US 1995-347402	19950130
US 5698692	A 19971216	US 1996-733743	19961018
AU 9852084	A1 19980319	AU 1998-52084	19980115
AU 723180	B2 20000817		
PRAI JP 1993-57463	A 19930317		
JP 1993-82145	A 19930408		
JP 1993-265273	A 19931022		
WO 1994-JP437	W 19940317		
US 1995-347402	A3 19950130		
OS MARPAT 123:143870			
IT 165947-57-9P			
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)			
(prepn. of novel heterocyclic compds. as platelet aggregation inhibitors)			
RN 165947-57-9	CAPLUS		
CN	Thieno[3,2-c]pyridine-5(4H)-carboxylic acid, 2-(aminoacetyl)-6,7-dihydro-, 1,1-dimethylethyl ester, monohydrochloride (9CI) (CA INDEX NAME)		



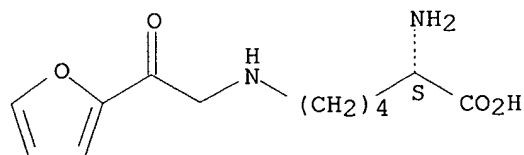
● HCl

L5 ANSWER 179 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:655719 CAPLUS
 DN 123:51394
 TI Reliable determination of furosine in human serum and dialyzate proteins by high-performance liquid chromatography
 AU Wu, Yu Ching; Monnier, Vincent; Friedlander, Miriam
 CS Division of Nephrology, Department of Medicine, Case-Western Reserve University, 11100 Euclid Avenue, Cleveland, OH, 44106-5048, USA
 SO Journal of Chromatography, B: Biomedical Applications (1995), 667(2), 328-32
 CODEN: JCBEP; ISSN: 0378-4347
 PB Elsevier
 DT Journal
 LA English

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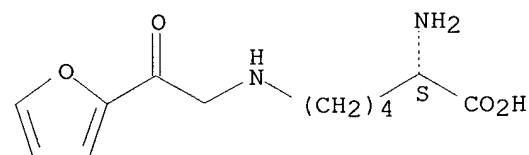
IT 19746-33-9, Furosine
RL: ANT (Analyte); ANST (Analytical study)
(detn. of furosine in human serum and dialyzate proteins by HPLC)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 180 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1995:591722 CAPLUS
DN 122:313296
TI Furosine as a Freshness Parameter of Shell Eggs
AU Hidalgo, Alyssa; Rossi, Margherita; Pompei, Carlo
CS Dipartimento di Scienze e Tecnologie Alimentari e Microbiologiche,
Universita degli Studi di Milano, Milan, 20133, Italy
SO Journal of Agricultural and Food Chemistry (1995), 43(6), 1673-7
CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
IT 19746-33-9, Furosine
RL: ANT (Analyte); BSU (Biological study, unclassified); MFM (Metabolic
formation); ANST (Analytical study); BIOL (Biological study); FORM
(Formation, nonpreparative)
(furosine as a freshness parameter of shell eggs)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

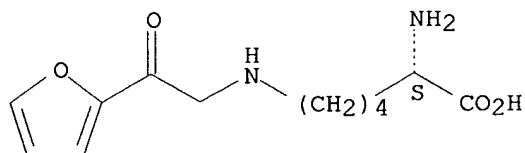


L5 ANSWER 181 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1995:506014 CAPLUS
DN 123:167911
TI Fast and sensitive determination of furosine [in food]
AU Henle, Thomas; Zehetner, Guenther; Klostermeyer, Henning
CS Tech. Univ. Muenchen, Freising-Weiherstephan, D-85350, Germany
SO Zeitschrift fuer Lebensmittel-Untersuchung und -Forschung (1995), 200(3),
235-7
CODEN: ZLUFAR; ISSN: 0044-3026
PB Springer
DT Journal
LA English

V. Balasubramanian

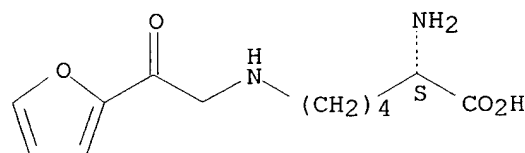
IT **19746-33-9**, Furosine
RL: ANT (Analyte); ANST (Analytical study)
(fast and sensitive detn. of furosine in food)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 182 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1995:456076 CAPLUS
DN 122:238011
TI Isocratic determination of furosine using HPLC
AU Maroni, Tonino; Lazzari, Paola
CS Laboratorio Rocchi dott. Eugenio, Bazzano, 40053, Italy
SO Industrie Alimentari (Pinerolo, Italy) (1994), 33(330), 964-6
CODEN: INALBB; ISSN: 0019-901X
PB Chiriotti
DT Journal
LA Italian
IT **19746-33-9**, Furosine
RL: ANT (Analyte); ANST (Analytical study)
(isocratic detn. of furosine using HPLC)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 183 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1995:185371 CAPLUS
DN 122:79272
TI HPLC of furosine for evaluating Maillard reaction damage in skim milk powders during processing and storage
AU Resmini, P.; Pellegrino, L.
CS Department Food Science and Technology, University Milan, Italy
SO Bulletin of the International Dairy Federation (1994), 298, 31-6
CODEN: BIDFDY; ISSN: 0250-5118
PB International Dairy Federation
DT Journal; General Review
LA English
IT **19746-33-9**, Furosine
RL: ANT (Analyte); ANST (Analytical study)
(HPLC of furosine for evaluating Maillard reaction damage in skim milk

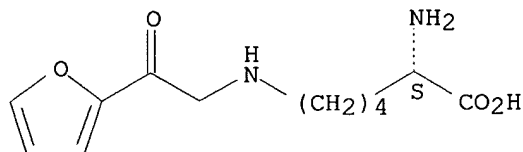
V. Balasubramanian

powders during processing and storage)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 184 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1995:93081 CAPLUS

DN 122:30122

TI Influence of fat content on some heat-induced changes in milk and cream

AU Pellegrino, Luisa

CS Milk Centre National Research Council, State University Milan, Milan, 20133, Italy

SO Netherlands Milk and Dairy Journal (1994), 48(2), 71-80

CODEN: NMDJAX; ISSN: 0028-209X

PB Association for the Advancement of Dairy Science

DT Journal

LA English

IT 19746-33-9, Furosine

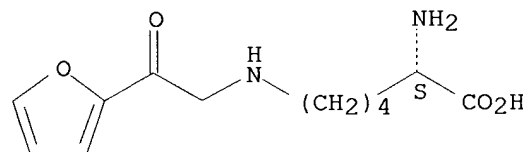
RL: BPR (Biological process); BSU (Biological study, unclassified); FMU (Formation, unclassified); BIOL (Biological study); FORM (Formation, nonpreparative); PROC (Process)

(influence of fat content on some heat-induced changes in milk and cream)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 185 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1994:692291 CAPLUS

DN 121:292291

TI Influence of thiofedrine on platelet aggregation, intraplatelet cyclic AMP and malondialdehyde in rats

AU Qu, Yun-Zhi; Li, Xi-Xian

CS Dep. Pharmacol., Inn. Mong. Med. Coll., Huhehot, Peop. Rep. China

SO Methods and Findings in Experimental and Clinical Pharmacology (1994), 16(4), 253-6

CODEN: MFEPDX; ISSN: 0379-0355

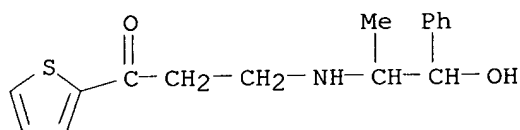
DT Journal

LA English

IT 28745-68-8

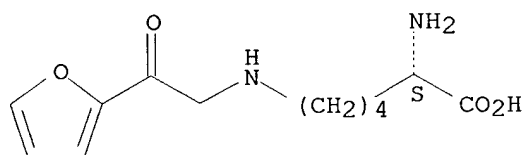
V. Balasubramanian

RL: BIOL (Biological study)
(platelet aggregation inhibitor)
RN 28745-68-8 CAPLUS
CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-
(9CI) (CA INDEX NAME)



L5 ANSWER 186 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1994:679329 CAPLUS
DN 121:279329
TI Ratio of lactulose to furosine as an indicator of quality of commercial milks
AU Corzo, Nieves; Delgado, Teresa; Troyano, Esperanza; Olano, Agustin
CS Instituto de Fermentaciones Industriales, Madrid, 28006, Spain
SO Journal of Food Protection (1994), 57(8), 737-9
CODEN: JFPRDR; ISSN: 0362-028X
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(lactulose to furosine ratio in com. milk as indicator of quality)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



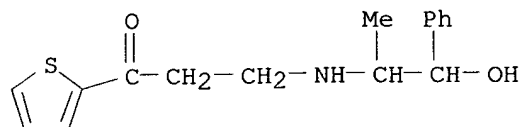
L5 ANSWER 187 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1994:645672 CAPLUS
DN 121:245672
TI Effects of thiofedrine on thrombosis in rats
AU Qu, Yunzhi; Li, Daping; Pan, Jie; Li, Xixian; Zhang, Wenxing
CS Dep. Pharmacology, Innex Mongolia Med. Coll., Huhhot, 010059, Peop. Rep. China
SO Zhongguo Yiyao Gongye Zazhi (1994), 25(4), 170-2
CODEN: ZYGZEA; ISSN: 1001-8255
DT Journal
LA Chinese
IT **28745-68-8, Thiofedrine**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

V. Balasubramanian

(thiofedrine inhibition of thrombosis in coronary heart disease)

RN 28745-68-8 CAPLUS

CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-
(9CI) (CA INDEX NAME)



L5 ANSWER 188 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1994:629115 CAPLUS

DN 121:229115

TI Effects of technological treatments on food: ion-exchange chromatographic determination of pyridosine and furosine in food and dietetic products

AU Carratu, B.; Boniglia, C.; Filesì, C.; Bellomonte, G.

CS Ist. Super. Sanita, Rome, Italy

SO Rivista di Scienza dell'Alimentazione (1993), 22(4), 455-7

CODEN: RSAIE3; ISSN: 1126-9480

DT Journal

LA Italian

IT **19746-33-9, Furosine**

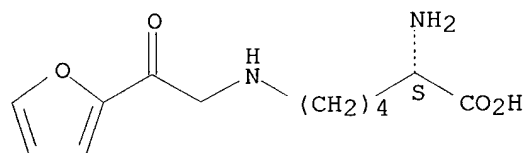
RL: ANT (Analyte); ANST (Analytical study)

(detn. of pyridosine and furosine in food and dietetic products by ion exchange chromatog. in evaluation of thermal damage during manuf.)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 189 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1994:603834 CAPLUS

DN 121:203834

TI Occurrence of protein-bound lysylpyrrolaldehyde in dried pasta

AU Resmini, P.; Pellegrino, L.

CS Dep. Food Sci. Technol., State Univ. Milan, Milan, 20133, Italy

SO Cereal Chemistry (1994), 71(3), 254-62

CODEN: CECHAF; ISSN: 0009-0352

DT Journal

LA English

IT **19746-33-9, Furosine**

RL: FMU (Formation, unclassified); FORM (Formation, nonpreparative)

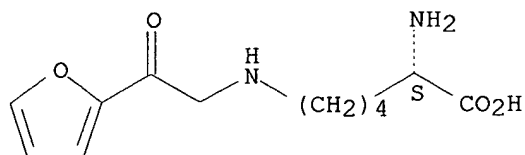
(Maillard reaction product, in pasta, drying temp. effect on, lysine bioavailability in relation to)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

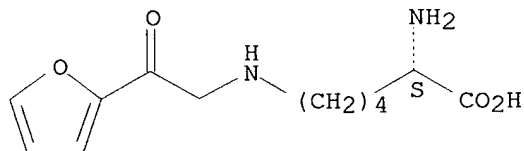
V. Balasubramanian

Absolute stereochemistry.



L5 ANSWER 190 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1994:603764 CAPLUS
DN 121:203764
TI Changes in furosine and proteins of UHT-treated milks stored at high ambient temperatures
AU Corzo, Nieves; Lopez-Fandino, Rosiña; Delgado, Teresa; Ramos, Mercedes; Olano, Agustin
CS Inst. Ferment. Ind., Madrid, E-28006, Spain
SO Zeitschrift fuer Lebensmittel-Untersuchung und -Forschung (1994), 198(4), 302-6
CODEN: ZLUFAR; ISSN: 0044-3026
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(Changes in furosine and proteins of UHT-treated milks stored at high ambient temps.)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

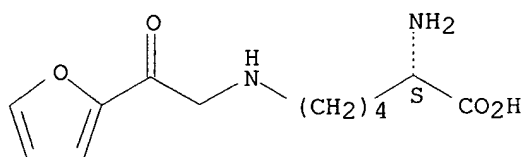


L5 ANSWER 191 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1994:603660 CAPLUS
DN 121:203660
TI A simple method for the preparation of furosine and pyridosine reference material
AU Henle, Thomas; Walter, Axel W.; Klostermeyer, Henning
CS Tech. Univ. Muenchen, Freising, D-85350, Germany
SO Zeitschrift fuer Lebensmittel-Untersuchung und -Forschung (1994), 198(1), 66-7
CODEN: ZLUFAR; ISSN: 0044-3026
DT Journal
LA English
IT **19746-33-9P 157974-36-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of furosine and pyridosine ref. material)
RN 19746-33-9 CAPLUS

V. Balasubramanian

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

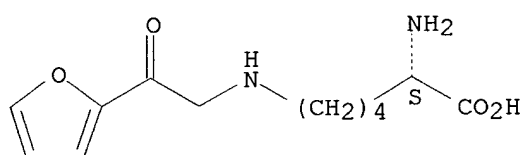
Absolute stereochemistry.



RN 157974-36-2 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● 2 HCl

L5 ANSWER 192 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1994:574280 CAPLUS

DN 121:174280

TI Degradation of furosine during heptafluorobutyric anhydride-derivatization for gas chromatographic determination

AU Ruttkat, A.; Erbersdobler, H. F.

CS Institut fuer Humanernaehrung und Lebensmittelkunde der Christian-Albrechts-Universitaet zu Kiel, Duesternbrooker Weg 17, Kiel, 24105, Germany

SO Journal of Chromatography, A (1994), 678(1), 103-7
CODEN: JCRAEY; ISSN: 0021-9673

DT Journal

LA English

IT 19746-33-9, Furosine

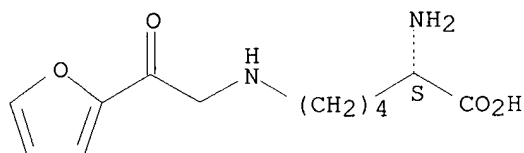
RL: ANT (Analyte); ANST (Analytical study)

(degrdn. of furosine during heptafluorobutyric anhydride-derivatization for gas chromatog. detn.)

RN 19746-33-9 CAPLUS

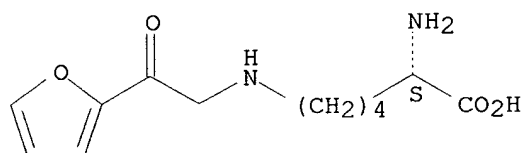
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 193 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1994:433616 CAPLUS
 DN 121:33616
 TI Evaluation of the extent of the Maillard reaction for the quality control
 of low-heat-treated dairy products
 AU Resmini, P.; Pellegrino, L.; Masotti, F.
 CS Dep. Food Sci. and Technol., Univ. Milan, Italy
 SO International Dairy Federation [Special Issue] S.I. (1993), Volume Date
 1992, 9303(Protein & Fat Globule Modifications by Heat Treatment,
 Homogenization & Other Technological Means for High Quality Dairy
 Products), 153-64
 CODEN: IDFSEO; ISSN: 1025-8515
 DT Journal
 LA English
 IT **19746-33-9**, Furosine
 RL: BIOL (Biological study)
 (evaluation of heat-treated dairy products by)
 RN 19746-33-9 CAPLUS
 CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

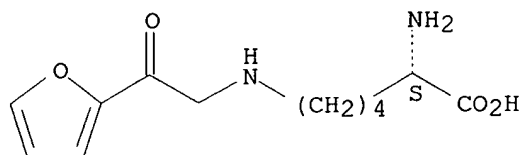


L5 ANSWER 194 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1994:426908 CAPLUS
 DN 121:26908
 TI Preparation of ascochlorin derivatives as glycation inhibitors
 IN Hosokawa, Tomoyoshi
 PA Immuno Japan Inc., Japan
 SO PCT Int. Appl., 26 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

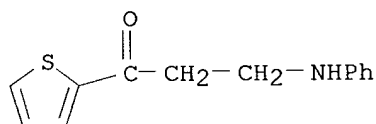
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9405274	A1	19940317	WO 1993-JP1249	19930903
	W: CA, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	JP 06305959	A2	19941101	JP 1992-242051	19920910
	JP 08016057	B4	19960221		
PRAI	JP 1992-242051		19920910		
OS	MARPAT 121:26908				
IT	19746-33-9 , Furosine				
	RL: FORM (Formation, nonpreparative) (formation of, inhibitors, glycation-inhibitory ascochlorin and derivs.)				
RN	19746-33-9 CAPLUS				
CN	L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)				

V. Balasubramanian

Absolute stereochemistry.



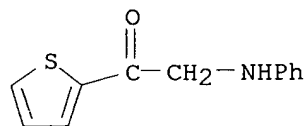
L5 ANSWER 195 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1994:298433 CAPLUS
DN 120:298433
TI Synthesis and properties of some ketazines
AU Cekuoliene, L.; Drungilaite, V.
CS Inst. Biokhim., Vilnius, Lithuania
SO Chemija (1993), Volume Date 1992, (3), 101-7
CODEN: CHMJES; ISSN: 0235-7216
DT Journal
LA Russian
IT **21280-44-4**
RL: RCT (Reactant); RACT (Reactant or reagent)
(condensation reaction of, with hydrazine)
RN 21280-44-4 CAPLUS
CN 1-Propanone, 3-(phenylamino)-1-(2-thienyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 196 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1994:270238 CAPLUS
DN 120:270238
TI Hypervalent iodine mediated syntheses of heterocycles: one-pot facile syntheses of 1,4-diaryl-2-mercaptoimidazoles, 2-(.alpha.-anilinoacetyl)thiophenes and 1-aryl-2-mercapto-4-(2-thienyl)imidazoles from aryl/2-thienyl methyl ketones
AU Prakash, Om; Ranjana; Saini, Neena; Goyal, Seema; Tomar, Rajesh K.; Singh, Shiv P.
CS Dep. Chem., Kurukshetra Univ., Kurukshetra, 132 119, India
SO Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1994), 33B(2), 116-19
CODEN: IJSBDB; ISSN: 0376-4699
DT Journal
LA English
OS CASREACT 120:270238
IT **91568-99-9P 154548-74-0P 154548-75-1P**
154548-76-2P 154548-77-3P 154548-78-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and cyclization of, with potassium thiocyanate)
RN 91568-99-9 CAPLUS

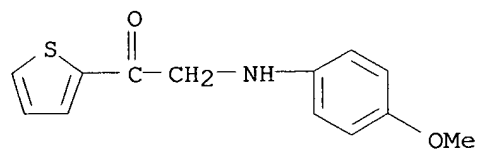
V. Balasubramanian

CN Ethanone, 2-(phenylamino)-1-(2-thienyl)- (9CI) (CA INDEX NAME)



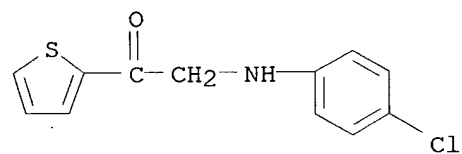
RN 154548-74-0 CAPLUS

CN Ethanone, 2-[(4-methoxyphenyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



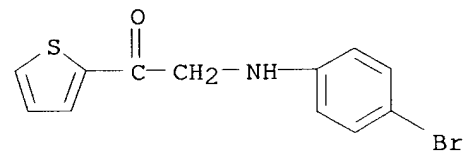
RN 154548-75-1 CAPLUS

CN Ethanone, 2-[(4-chlorophenyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



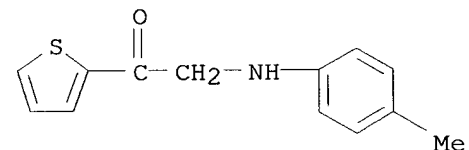
RN 154548-76-2 CAPLUS

CN Ethanone, 2-[(4-bromophenyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



RN 154548-77-3 CAPLUS

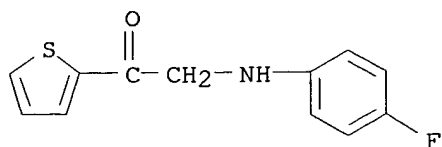
CN Ethanone, 2-[(4-methylphenyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



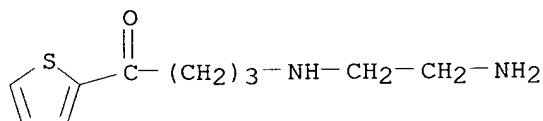
RN 154548-78-4 CAPLUS

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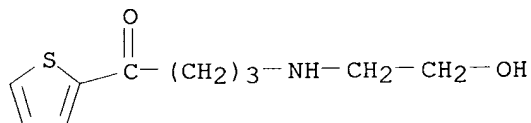
CN Ethanone, 2-[(4-fluorophenyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 197 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1994:45187 CAPLUS
DN 120:45187
TI Correlation of the structure of novel mono- and diamine derivatives with their effect on drug metabolizing enzymes
AU Andreadou, I.; Rekka, E.; Hadjipavlou-Litina, D.; Kourounakis, P. N.
CS Sch. Pharm., Univ. Thessaloniki, Thessaloniki, 540 06, Greece
SO Medicinal Chemistry Research (1993), 3(4), 233-9
CODEN: MCREEB; ISSN: 1054-2523
DT Journal
LA English
IT **134257-65-1P 141809-39-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and drug metabolizing enzymes response to, structure in relation to)
RN 134257-65-1 CAPLUS
CN 1-Butanone, 4-[(2-aminoethyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



RN 141809-39-4 CAPLUS
CN 1-Butanone, 4-[(2-hydroxyethyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)

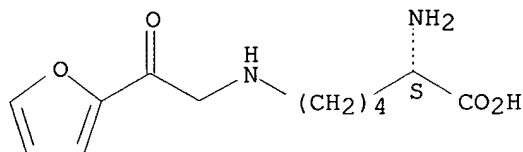


L5 ANSWER 198 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1993:537869 CAPLUS
DN 119:137869
TI Assessment of quality of commercial UHT milks by chromatographic and electrophoretic methods
AU Lopez-Fandino, Rosina; Corzo, Nieves; Villamiel, Mar; Delgado, Teresa; Olando, Agustin; Ramos, Mercedes
CS Inst. Ferment. Ind., Madrid, 28006, Spain

V. Balasubramanian

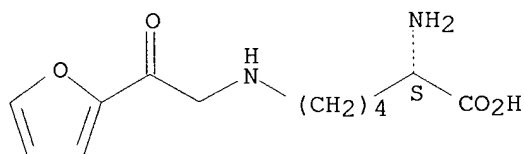
SO Journal of Food Protection (1993), 56(3), 263-4, 269
CODEN: JFPRDR; ISSN: 0362-028X
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: BIOL (Biological study)
(in ultra-high temp.-treated milk, proteolysis levels in relation to)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 199 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1993:253537 CAPLUS
DN 118:253537
TI Stability of furosine during ion-exchange chromatography in comparison
with reversed-phase high-performance liquid chromatography
AU Hartkopf, J.; Erbersdobler, H. F.
CS Institut fuer Humanernaehrung und Lebensmittelkunde der
Christian-Albrechts-Universitaet zu Kiel, Duesternbrooker Weg 17, Kiel,
2300, Germany
SO Journal of Chromatography (1993), 635(1), 151-4
CODEN: JOCRAM; ISSN: 0021-9673
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: PRP (Properties)
(stability of, during detn. by ion-exchange chromatog. or
reversed-phase high performance liq. chromatog.)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 200 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1993:58282 CAPLUS
DN 118:58282
TI Detection of reconstituted milk powder in raw and in pasteurized milk by
HPLC of furosine
AU Resmini, P.; Pellegrino, L.; Masotti, F.; Tirelli, A.; Prati, F.
CS Dip. Sci. Tecnol. Aliment. Microbiol., Univ. Milano, Milan, Italy
SO Scienza e Tecnica Lattiero-Casearia (1992), 43(3), 169-86

V. Balasubramanian

CODEN: SLCAAF; ISSN: 0390-6361

DT Journal

LA Italian

IT 19746-33-9, Furosine

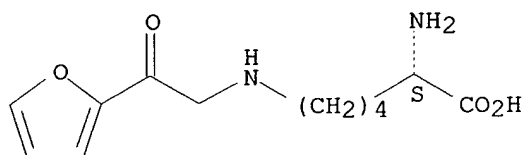
RL: ANT (Analyte); ANST (Analytical study)

(detn. of, in milk by HPLC, reconstituted milk powder detection by)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 201 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1992:549597 CAPLUS

DN 117:149597

TI Efficient determination of individual Maillard compounds in heat-treated milk products by amino acid analysis

AU Henle, Thomas; Walter, Heike; Krause, Ingolf; Klostermeyer, Henning

CS Suedtsch. Vers. Forschungsanst. Milchwirtsch., Tech. Univ. Muenchen, Freising, Germany

SO International Dairy Journal (1991), 1(2), 125-35

CODEN: IDAJE6; ISSN: 0958-6946

DT Journal

LA English

IT 19746-33-9, Furosine

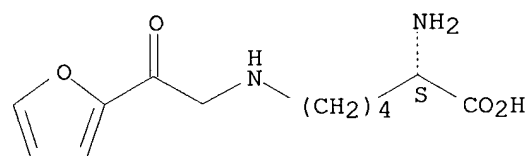
RL: ANT (Analyte); ANST (Analytical study)

(detn. of, in heat-treated milk by ion-exchange chromatog.)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 202 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1992:503579 CAPLUS

DN 117:103579

TI Antioxidant and free radical scavenging activity of some mono- or diamines synthesized as potential antiinflammatory agents, in relation to their structure

AU Andreadou, Ioanna; Rekka, Eleni; Hadjipavlou-Litina, Dimitra; Kourounakis, Panos N.

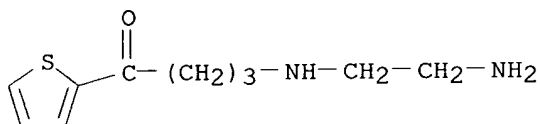
CS Sch. Pharm., Univ. Thessaloniki, Thessaloniki, 540 06, Greece

SO Journal of Biopharmaceutical Sciences (1991), 2(4), 291-304

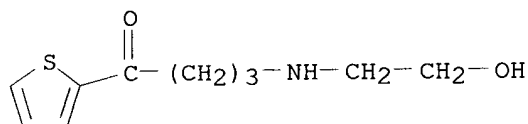
CODEN: JBISE2; ISSN: 0957-7548

V. Balasubramanian

DT Journal
LA English
IT **134257-65-1 141809-39-4**
RL: BIOL (Biological study)
(antioxidant and free radical-scavenging activity of, as inflammation
inhibitor, structure in relation to)
RN 134257-65-1 CAPLUS
CN 1-Butanone, 4-[(2-aminoethyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)

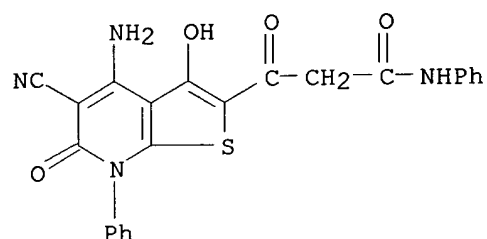


RN 141809-39-4 CAPLUS
CN 1-Butanone, 4-[(2-hydroxyethyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)

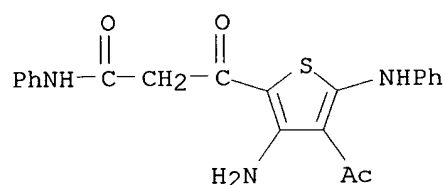


L5 ANSWER 203 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1992:469755 CAPLUS
DN 117:69755
TI Phenyl isothiocyanate in heterocyclic synthesis: novel synthesis of
thiazoles, thieno[2,3-b]pyridine, thiophene and thieno[3,2-c]pyridazine
derivatives
AU Mohareb, Rafat Milad
CS Fac. Sci., Cairo Univ., Giza, Egypt
SO Monatshefte fuer Chemie (1992), 123(4), 341-7
CODEN: MOCMB7; ISSN: 0026-9247
DT Journal
LA English
OS CASREACT 117:69755
IT **142168-51-2P 142168-60-3P**
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and spectra of)
RN 142168-51-2 CAPLUS
CN Thieno[2,3-b]pyridine-2-propanamide, 4-amino-5-cyano-6,7-dihydro-3-hydroxy-
.beta.,6-dioxo-N,7-diphenyl- (9CI) (CA INDEX NAME)

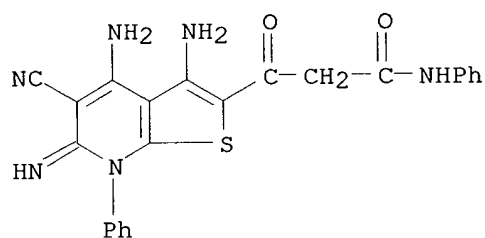
V. Balasubramanian



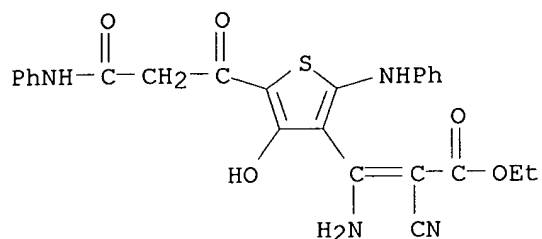
RN 142168-60-3 CAPLUS
CN 2-Thiophenepropanamide, 4-acetyl-3-amino-.beta.-oxo-N-phenyl-5-(phenylamino)- (9CI) (CA INDEX NAME)



IT **142168-57-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn., spectra and cyclization of)
RN 142168-57-8 CAPLUS
CN Thieno[2,3-b]pyridine-2-propanamide, 3,4-diamino-5-cyano-6,7-dihydro-6-imino-.beta.-oxo-N,7-diphenyl- (9CI) (CA INDEX NAME)

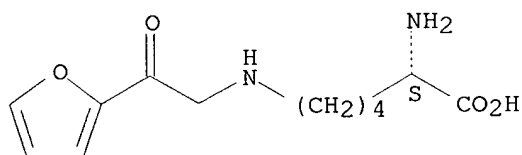


IT **142168-50-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn., spectra and reactions of)
RN 142168-50-1 CAPLUS
CN 2-Propenoic acid, 3-amino-2-cyano-3-[5-[1,3-dioxo-3-(phenylamino)propyl]-4-hydroxy-2-(phenylamino)-3-thienyl]-, ethyl ester (9CI) (CA INDEX NAME)



L5 ANSWER 204 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1992:424857 CAPLUS
 DN 117:24857
 TI Efficient determination of individual Maillard compounds in heat-treated milk products by amino acid analysis
 AU Henle, Thomas; Walter, Heike; Krause, Ingolf; Klostermeyer, Henning
 CS Tech. Univ. Muenchen, Freising, Germany
 SO International Dairy Journal (1991), 1(2), 125-35
 CODEN: IDAJE6; ISSN: 0958-6946
 DT Journal
 LA English
 IT **19746-33-9**, Furosine
 RL: ANT (Analyte); ANST (Analytical study)
 (detn. of, in heat-treated milk by ion-exchange chromatog.)
 RN 19746-33-9 CAPLUS
 CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

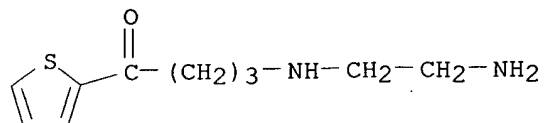
Absolute stereochemistry.



L5 ANSWER 205 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1992:407601 CAPLUS
 DN 117:7601
 TI Ionization constants, lipophilicity and biological studies of some novel aryl(amino or hydroxy)ethylamino ketones with anti-inflammatory activity
 AU Hadjipavlou-Litina, D.; Rekka, E.; Hadjipetrou-Kourounakis, L.; Kourounakis, P. N.
 CS Sch. Pharm., Univ. Thessaloniki, Thessaloniki, 540 06, Greece
 SO European Journal of Medicinal Chemistry (1992), 27(1), 1-6
 CODEN: EJMCA5; ISSN: 0223-5234
 DT Journal
 LA English
 IT **134257-65-1P 141809-39-4P 141809-40-7P 141809-42-9P 141948-36-9P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn., ionization const., lipophilicity, and antiinflammatory activity of)
 RN 134257-65-1 CAPLUS

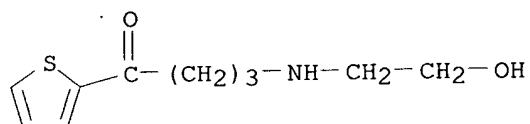
V. Balasubramanian

CN 1-Butanone, 4-[(2-aminoethyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



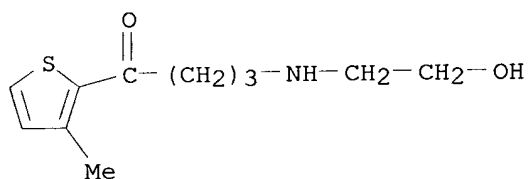
RN 141809-39-4 CAPLUS

CN 1-Butanone, 4-[(2-hydroxyethyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



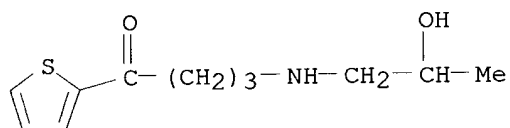
RN 141809-40-7 CAPLUS

CN 1-Butanone, 4-[(2-hydroxyethyl)amino]-1-(3-methyl-2-thienyl)- (9CI) (CA INDEX NAME)



RN 141809-42-9 CAPLUS

CN 1-Butanone, 4-[(2-hydroxypropyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



RN 141948-36-9 CAPLUS

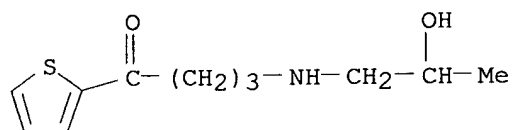
CN 1-Butanone, 4-[(2-hydroxypropyl)amino]-1-(2-thienyl)-, perchlorate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 141809-42-9

CMF C11 H17 N O2 S

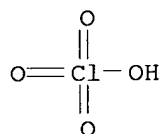
V. Balasubramanian



CM 2

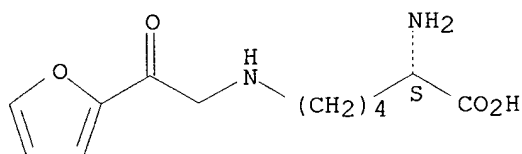
CRN 7601-90-3

CMF Cl H O4



L5 ANSWER 206 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1992:406316 CAPLUS
DN 117:6316
TI Determination of furosine in milk samples by ion-pair reversed phase
liquid chromatography
AU Delgado, T.; Corzo, N.; Santa-Maria, G.; Jimeno, M. L.; Olano, A.
CS Inst. Ferment. Ind., Madrid, 28006, Spain
SO Chromatographia (1992), 33(7-8), 374-6
CODEN: CHRGB7; ISSN: 0009-5893
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, in milk by HPLC)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 207 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1992:51606 CAPLUS
DN 116:51606
TI Pharmaceutical compositions and methods using quinoline and oxophenoxazine
derivatives for inhibition of Maillard's reaction
IN Inoue, Jun
PA Senju Pharmaceutical Co., Ltd., Japan
SO Can. Pat. Appl., 30 pp.

09/817,374

V. Balasubramanian

CODEN: CPXXEB

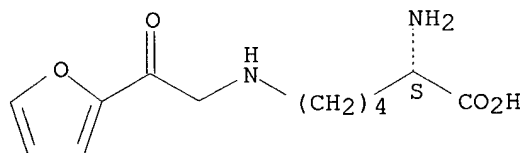
DT Patent

LA English

FAN.CNT 1

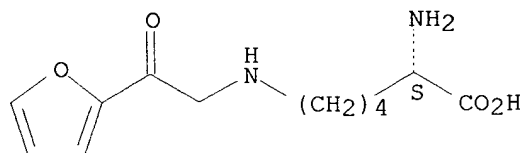
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PI	CA 2029421	AA	19910521	CA 1990-2029421	19901107
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	EP 433679	A2	19910626	EP 1990-122096	19901119
	EP 433679	A3	19920304		
	EP 433679	B1	19970502		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	AT 152352	E	19970515	AT 1990-122096	19901119
	ES 2100861	T3	19970701	ES 1990-122096	19901119
PRAI	JP 1989-301413		19891120		
OS	MARPAT 116:51606				
IT	19746-33-9, Furosine				
	RL: FORM (Formation, nonpreparative)				
	(formation of, inhibition of, by Maillard's reaction, quinoline and oxophenoxazine derivs. for)				
RN	19746-33-9	CAPLUS			
CN	L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)				

Absolute stereochemistry.



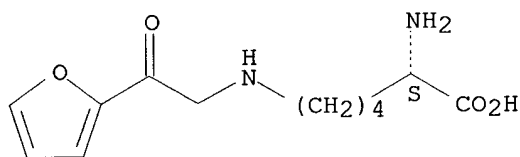
L5 ANSWER 208 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1991:654633 CAPLUS
DN 115:254633
TI Protein damage in UHT milk
AU Dehn-Mueller, Barutha; Mueller, Barbara; Erbersdobler, H. F.
CS Inst. Humanernaehrung Lebensmittelkd., Univ. Kiel, Kiel, D-2300/1, Germany
SO Milchwissenschaft (1991), 46(7), 431-4
CODEN: MILCAD; ISSN: 0026-3788
DT Journal
LA German
IT **19746-33-9, Furosine**
RL: BIOL (Biological study)
(of ultrahigh-temp.-treated milk, heat-induced protein degrdn. in relation to)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



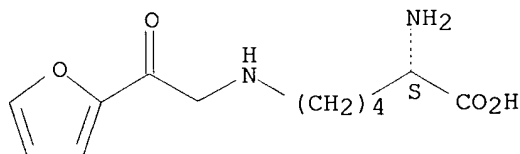
L5 ANSWER 209 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1991:654513 CAPLUS
DN 115:254513
TI Determination of lysine damage and calculation of lysine bioavailability
in several processed foods
AU Erbersdobler, H. F.; Hupe, A.
CS Inst. Humanernaehr. Lebensmittelkd., Christian-Albrechts-Univ., Kiel,
2300/1, Germany
SO Zeitschrift fuer Ernaehrungswissenschaft (1991), 30(1), 46-9
CODEN: ZERNAL; ISSN: 0044-264X
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: FORM (Formation, nonpreparative)
(formation of, in food thermal processing, lysine damage in relation
to)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 210 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1991:630604 CAPLUS
DN 115:230604
TI Furosine: a good indicator of the early stages of the Maillard reaction
AU Corzo, N.; Delgado, T.
CS Inst. Ferment. Ind., CSIC, Spain
SO Alimentacion, Equipos y Tecnologia (1991), 10(6), 73-7
CODEN: AEQTDY; ISSN: 0212-1689
DT Journal; General Review
LA Spanish
IT **19746-33-9, Furosine**
RL: BIOL (Biological study)
(of food, Maillard reaction in relation to)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

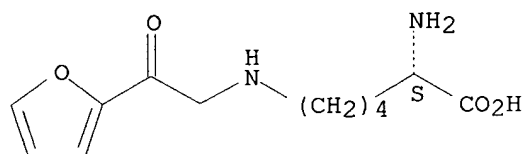


L5 ANSWER 211 OF 409 CAPLUS COPYRIGHT 2003 ACS

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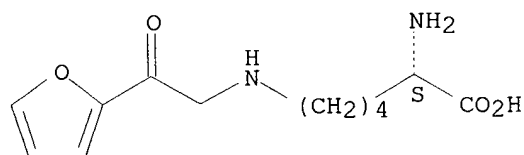
AN 1991:602322 CAPLUS
DN 115:202322
TI The effect of glutathione (reduced form) on quantitation by HPLC (high performance liquid chromatography) of fructose-lysine
AU Tanaka, Kazuko; Hiroi, Tetsuya
CS Kanagawa Kenritsu Coll. Nurs. Med. Technol., Japan
SO Kanagawa-kenritsu Eisei Tanki Daigaku Kiyo (1990), 23, 22-6
CODEN: KETKEV; ISSN: 0388-6042
DT Journal
LA Japanese
IT **19746-33-9**, Furosine
RL: ANT (Analyte); ANST (Analytical study)
(anal. of, in human serum albumin hydrolyzates by HPLC, effect of glutathione on)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 212 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1991:554150 CAPLUS
DN 115:154150
TI Determination of furosine in biomedical samples employing an improved hydrolysis and high-performance liquid chromatographic technique
AU Cefalu, William T.; Bell-Farrow, Audrey; Wang, Zhong Q.; Ralapati, Suresh
CS Bowman Gray Sch. Med., Wake Forest Univ., Winston-Salem, NC, USA
SO Carbohydrate Research (1991), 215(1), 117-25
CODEN: CRBRAT; ISSN: 0008-6215
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, of biomedical samples by improved hydrolysis and HPLC method)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

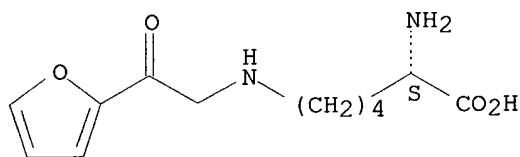


L5 ANSWER 213 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1991:534350 CAPLUS
DN 115:134350

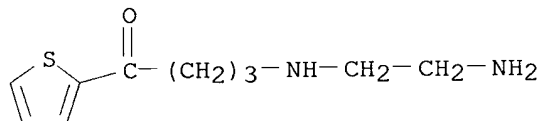
V. Balasubramanian

TI Model experiments on the formation of N-epsilon.-carboxymethyllysine (CML) in foods
AU Luedemann, G.; Erbersdobler, H. F.
CS Inst. Humanernaehrung Lebensmittelkd., Christian-Albrechts-Univ., Kiel, 2300/1, Germany
SO Maillard React. Food Process., Hum. Nutr. Physiol., [Proc. Int. Symp. Maillard React.], 4th (1990), Meeting Date 1989, 91-6. Editor(s): Finot, Pierre Andre. Publisher: Birkhaeuser, Basel, Switz.
CODEN: 56XMAK
DT Conference
LA English
IT **19746-33-9**, Furosine
RL: BIOL (Biological study)
(of cooked foods, Maillard reaction and carboxymethyllysine formation in relation to)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 214 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1991:441570 CAPLUS
DN 115:41570
TI Anti-inflammatory and immunomodulating effects of the novel agent .gamma.-(2-aminoethylamino)-2-butyrothienone. 3rd Communication: Effect on suppressor cells and cytokine production in normal and adjuvant arthritic rats
AU Karagouni, E. E.; Kourounakis, L.
CS Fac. Sci., Aristotelian Univ., Thessaloniki, 54006, Greece
SO Arzneimittel-Forschung (1991), 41(6), 647-51
CODEN: ARZNAD; ISSN: 0004-4172
DT Journal
LA English
IT **134257-65-1**
RL: PRP (Properties)
(anti-inflammatory and immunomodulatory effects of, lymphocyte and interleukins response to, in adjuvant arthritis)
RN 134257-65-1 CAPLUS
CN 1-Butanone, 4-[(2-aminoethyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)

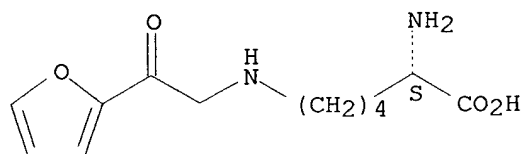


L5 ANSWER 215 OF 409 CAPLUS COPYRIGHT 2003 ACS

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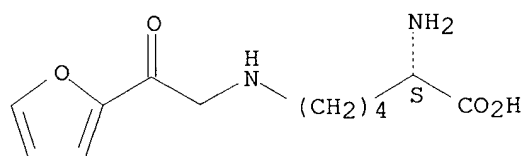
AN 1991:427916 CAPLUS
DN 115:27916
TI Reference diagram for furosine content in UHT milk
AU Nangpal, A.; Reuter, H.
CS Inst. Verfahrenstech., Bundesanst. Milchforsch., Kiel, Germany
SO Kieler Milchwirtschaftliche Forschungsberichte (1990), 42(1), 77-86
CODEN: KMWFAF; ISSN: 0023-1347
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: FORM (Formation, nonpreparative)
(formation of, in milk ultra-high temp. treatment and storage,
prediction of)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 216 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1991:427914 CAPLUS
DN 115:27914
TI Reaction kinetics of lactulose and furosine formation - influence of
dilution of milk during direct UHT treatment
AU Nangpal, A.; Reuter, H.; Kiesner, C.
CS Inst. Verfahrenstech., Bundesanst. Milchforsch., Kiel, Germany
SO Kieler Milchwirtschaftliche Forschungsberichte (1990), 42(1), 53-64
CODEN: KMWFAF; ISSN: 0023-1347
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: FORM (Formation, nonpreparative)
(formation of, in milk ultra-high temp. treatment, kinetics of)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

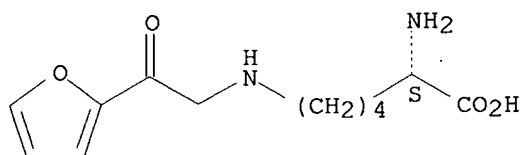


L5 ANSWER 217 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1991:427913 CAPLUS
DN 115:27913
TI Formation of furosine during UHT treatment of milk - comparison between
direct and indirect heating

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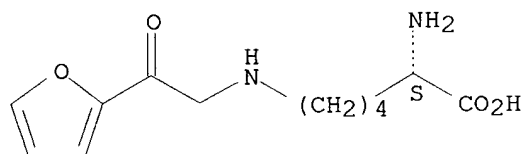
AU Nangpal, A.; Reuter, H.; Dehn-Mueller, B.; Erbersdobler, H. F.
CS Inst. Verfahrenstech., Bundesanst. Milchforsch., Kiel, Germany
SO Kieler Milchwirtschaftliche Forschungsberichte (1990), 42(1), 43-51
CODEN: KMWFAP; ISSN: 0023-1347
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: FORM (Formation, nonpreparative)
(formation of, in milk ultra-high temp. treatment, kinetics of)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 218 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1991:427866 CAPLUS
DN 115:27866
TI Inhibition of the protein crosslinking in a Maillard reaction by
aminoguanidine and semicarbazide
AU Hayase, Fumitaka; Kim, Yong Hee; Kato, Hiromichi
CS Dep. Agric. Chem., Univ. Tokyo, Tokyo, 113, Japan
SO Agricultural and Biological Chemistry (1991), 55(5), 1435-6
CODEN: ABCHA6; ISSN: 0002-1369
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BIOL (Biological study)
(in lysozyme-reducing sugar Maillard reaction, aminoguanidine and
semicarbazide effect on)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

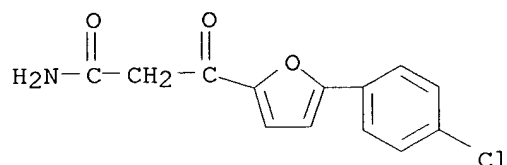


L5 ANSWER 219 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1991:422253 CAPLUS
DN 115:22253
TI 5-Phenyl-2-furan ketones as antiepileptic agents
IN Pelosi, Stanford Salvatore, Jr.
PA Norwich Eaton Pharmaceuticals, Inc., USA
SO Eur. Pat. Appl., 11 pp.
CODEN: EPXXDW

V. Balasubramanian

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 404232	A1	19901227	EP 1990-201539	19900614
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	US 5091426	A	19920225	US 1989-371354	19890623
	CA 2018980	AA	19901223	CA 1990-2018980	19900614
	AU 9057766	A1	19910103	AU 1990-57766	19900622
	AU 629651	B2	19921008		
	JP 03095172	A2	19910419	JP 1990-166550	19900625
PRAI	US 1989-371354		19890623		
OS	MARPAT 115:22253				
IT	134448-36-5P				
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(prepn. of, as antiepileptic)				
RN	134448-36-5 CAPLUS				
CN	2-Furanpropanamide, 5-(4-chlorophenyl)-.beta.-oxo- (9CI) (CA INDEX NAME)				

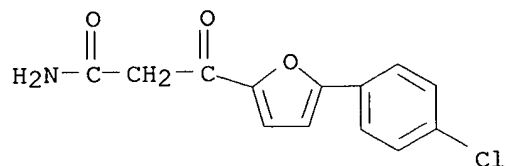


L5 ANSWER 220 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1991:422252 CAPLUS
DN 115:22252
TI 5-Phenyl-2-furan esters, amides and ketones as neuroprotective agents
IN Drust, Eugene George
PA Norwich Eaton Pharmaceuticals, Inc., USA
SO Eur. Pat. Appl., 18 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

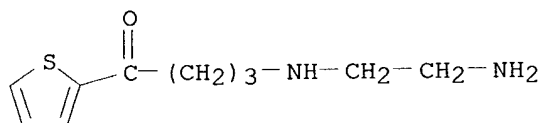
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 404233	A2	19901227	EP 1990-201540	19900614
	EP 404233	A3	19920108		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	US 5118708	A	19920602	US 1989-371351	19890623
	CA 2018981	AA	19901223	CA 1990-2018981	19900614
	AU 9057768	A1	19910103	AU 1990-57768	19900622
	AU 634244	B2	19930218		
	JP 03215479	A2	19910920	JP 1990-166551	19900625
	US 5214042	A	19930525	US 1992-855361	19920318
PRAI	US 1989-371351		19890623		
OS	MARPAT 115:22252				
IT	134448-36-5P				
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(prepn. of, for neuroprotective agent)				
RN	134448-36-5 CAPLUS				

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CN 2-Furanpropanamide, 5-(4-chlorophenyl)-.beta.-oxo- (9CI) (CA INDEX NAME)



L5 ANSWER 221 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1991:400410 CAPLUS
DN 115:410
TI Anti-inflammatory and immunomodulating effects of the novel agent .gamma.-(2-aminoethylamino)-2-butyrothienone. 1st Communication: inhibitory effects on mouse paw edema
AU Gavalas, A.; Kourounakis, L.; Litina, D.; Kourounakis, P.
CS Fac. Sci., Aristotelian Univ., Thessaloniki, 54006, Greece
SO Arzneimittel-Forschung (1991), 41(4), 423-6
CODEN: ARZNAD; ISSN: 0004-4172
DT Journal
LA English
IT **134257-65-1**
RL: PRP (Properties)
(anti-inflammatory effects of, mechanism of)
RN 134257-65-1 CAPLUS
CN 1-Butanone, 4-[(2-aminoethyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 222 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1991:228892 CAPLUS
DN 114:228892
TI Preparation of oxazoles as medical bactericides
IN O'Hanlon, Peter John; Walker, Graham
PA Beecham Group PLC, UK
SO Eur. Pat. Appl., 50 pp.
CODEN: EPXXDW

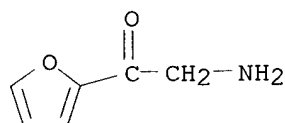
DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 399645	A2	19901128	EP 1990-303850	19900410
	EP 399645	A3	19910821		
	EP 399645	B1	19941109		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	CA 2014263	AA	19901012	CA 1990-2014263	19900410
	NO 9001630	A	19901015	NO 1990-1630	19900410

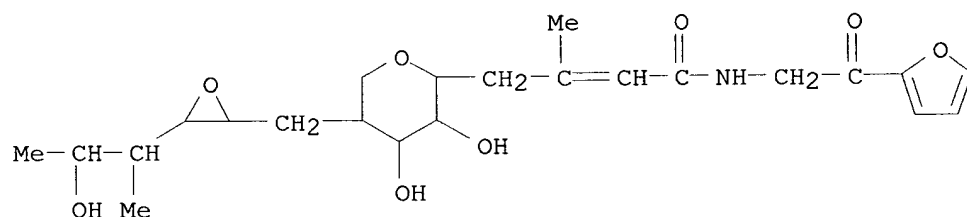
V. Balasubramanian

AU 9053100	A1	19901018	AU 1990-53100	19900410
AU 623242	B2	19920507		
ZA 9002738	A	19910731	ZA 1990-2738	19900410
HU 58327	A2	19920228	HU 1990-2138	19900410
ES 2064619	T3	19950201	ES 1990-303850	19900410
JP 02292284	A2	19901203	JP 1990-94170	19900411
CN 1046332	A	19901024	CN 1990-102095	19900412
PRAI GB 1989-8284		19890412		
GB 1989-8285		19890412		
OS MARPAT 114:228892				
IT 88352-86-7P		133674-51-8P	133674-53-0P	
		133674-56-3P	133674-57-4P	133674-60-9P
		133674-61-0P	133674-69-8P	133674-73-4P
		133674-84-7P	133674-85-8P	
		RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)		
		(prepn. and reaction of, in prepn. of medical bactericide)		
RN 88352-86-7	CAPLUS			
CN	Ethanone, 2-amino-1-(2-furanyl)-, hydrochloride (9CI) (CA INDEX NAME)			



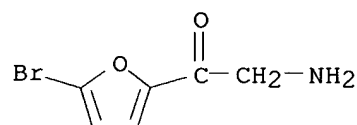
● HCl

RN 133674-51-8 CAPLUS
 CN L-talo-Non-2-enonamide, 5,9-anhydro-2,3,4,8-tetradexy-N-[2-(2-furanyl)-2-oxoethyl]-8-[[3-(2-hydroxy-1-methylpropyl)oxiranyl]methyl]-3-methyl-, [2E,8[2S,3S(1S,2S)]]- (9CI) (CA INDEX NAME)



RN 133674-53-0 CAPLUS
 CN Ethanone, 2-amino-1-(5-bromo-2-furanyl)-, hydrochloride (9CI) (CA INDEX NAME)

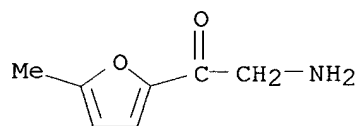
V. Balasubramanian



● HCl

RN 133674-56-3 CAPLUS

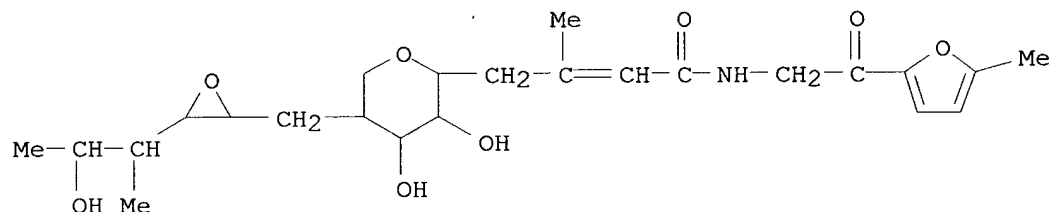
CN Ethanone, 2-amino-1-(5-methyl-2-furanyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 133674-57-4 CAPLUS

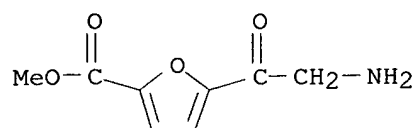
CN L-talo-Non-2-enonamide, 5,9-anhydro-2,3,4,8-tetradecoxy-8-[[3-(2-hydroxy-1-methylpropyl)oxiranyl)methyl]-3-methyl-N-[2-(5-methyl-2-furanyl)-2-oxoethyl]-, [2E,8[2S,3S(1S,2S)]]- (9CI) (CA INDEX NAME)



RN 133674-60-9 CAPLUS

CN 2-Furancarboxylic acid, 5-(aminoacetyl)-, methyl ester, hydrochloride (9CI) (CA INDEX NAME)

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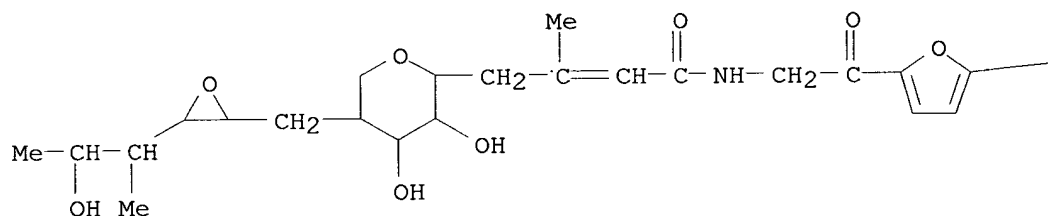


● HCl

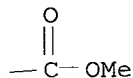
RN 133674-61-0 CAPLUS

CN 2-Furancarboxylic acid, 5-[[[(2E)-5,9-anhydro-2,3,4,8-tetradecoxy-8-[[3-(2-hydroxy-1-methylpropyl)oxiranyl]methyl]-3-methyl-L-talo-non-2-enonoyl]amino]acetyl]-, methyl ester (9CI) (CA INDEX NAME)

PAGE 1-A

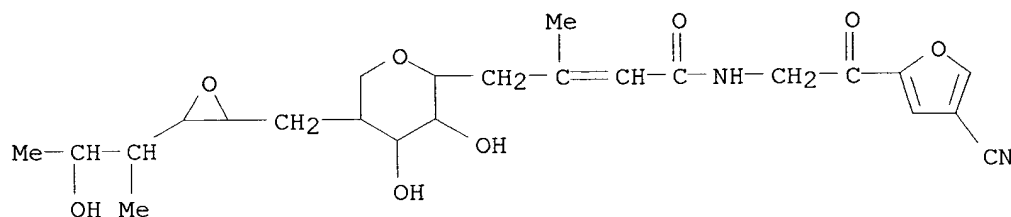


PAGE 1-B



RN 133674-69-8 CAPLUS

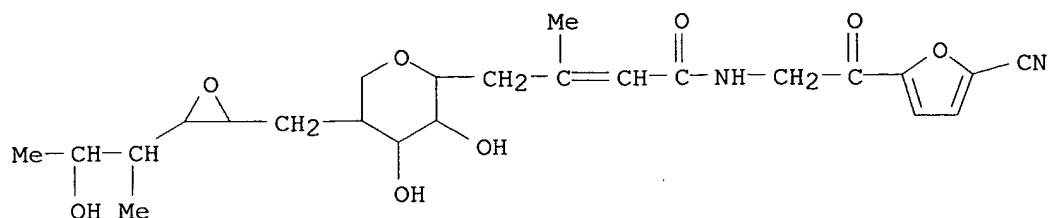
CN L-talo-Non-2-enonamide, 5,9-anhydro-N-[2-(4-cyano-2-furanyl)-2-oxoethyl]-2,3,4,8-tetradecoxy-8-[[3-(2-hydroxy-1-methylpropyl)oxiranyl]methyl]-3-methyl-, [2E,8[2S,3S(1S,2S)]]- (9CI) (CA INDEX NAME)



RN 133674-73-4 CAPLUS

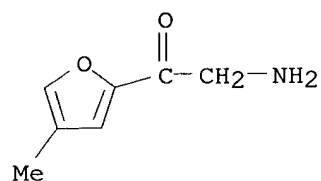
CN L-talo-Non-2-enonamide, 5,9-anhydro-N-[2-(5-cyano-2-furanyl)-2-oxoethyl]-2,3,4,8-tetradecoxy-8-[[3-(2-hydroxy-1-methylpropyl)oxiranyl]methyl]-3-methyl-, [2E,8[2S,3S(1S,2S)]]- (9CI) (CA INDEX NAME)

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RN 133674-84-7 CAPLUS

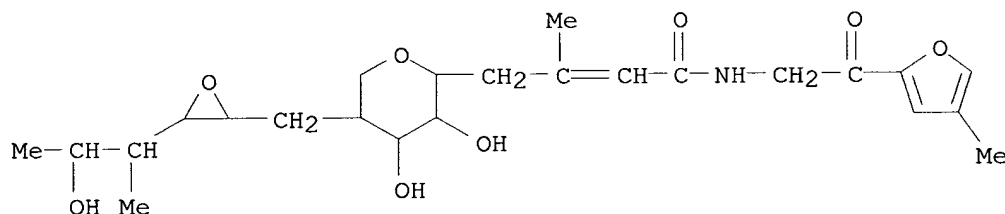
CN Ethanone, 2-amino-1-(4-methyl-2-furanyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 133674-85-8 CAPLUS

CN L-talo-Non-2-enonamide, 5,9-anhydro-2,3,4,8-tetradexy-8-[[3-(2-hydroxy-1-methylpropyl)oxiranyl]methyl]-3-methyl-N-[2-(4-methyl-2-furanyl)-2-oxoethyl]-, [2E,8[2S,3S(1S,2S)]]- (9CI) (CA INDEX NAME)



L5 ANSWER 223 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1991:185346 CAPLUS

DN 114:185346

TI 5-Heteroaryl-2-thiophenecarboxylic acids: oxazoles and oxadiazoles

AU Goddard, Carl J.

CS Dep. Med. Chem., Pfizer Cent. Res., Groton, CT, 06340, USA

SO Journal of Heterocyclic Chemistry (1991), 28(1), 17-28

CODEN: JHTCAD; ISSN: 0022-152X

DT Journal

LA English

OS CASREACT 114:185346

IT 133380-48-0P 133380-49-1P

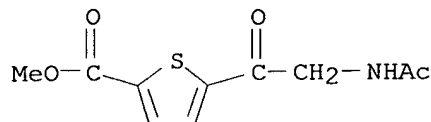
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

V. Balasubramanian

(prepn. and hydrolysis of, with sulfuric acid)

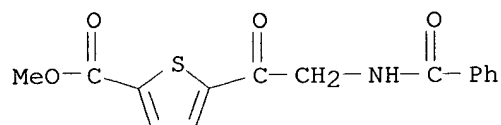
RN 133380-48-0 CAPLUS

CN 2-Thiophenecarboxylic acid, 5-[(acetylamino)acetyl]-, methyl ester (9CI)
(CA INDEX NAME)



RN 133380-49-1 CAPLUS

CN 2-Thiophenecarboxylic acid, 5-[(benzoylamino)acetyl]-, methyl ester (9CI)
(CA INDEX NAME)



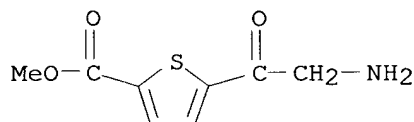
IT **133380-47-9P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

(prepn. and N-acylation of)

RN 133380-47-9 CAPLUS

CN 2-Thiophenecarboxylic acid, 5-(aminoacetyl)-, methyl ester, hydrochloride
(9CI) (CA INDEX NAME)



● HCl

L5 ANSWER 224 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1991:143116 CAPLUS

DN 114:143116

TI Preparation of furylethanolamines as intermediates for herbicide antidotes

IN Smith, Lowell R.

PA Monsanto Co., USA

SO U.S., 4 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

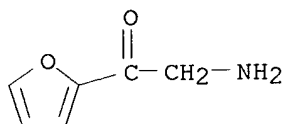
PATENT NO.

KIND DATE

APPLICATION NO. DATE

V. Balasubramanian

PI	US 4962212	A	19901009	US 1989-457055	19891226
	EP 435840	A2	19910703	EP 1990-870146	19900912
	EP 435840	A3	19911121		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	CA 2025374	AA	19910627	CA 1990-2025374	19900914
	AU 9062487	A1	19910704	AU 1990-62487	19900914
	CN 1052854	A	19910710	CN 1990-107679	19900914
	HU 56358	A2	19910828	HU 1990-5914	19900914
	JP 03197476	A2	19910828	JP 1990-242829	19900914
	BR 9004601	A	19910910	BR 1990-4601	19900914
PRAI	US 1989-457055		19891226		
OS	CASREACT 114:143116; MARPAT 114:143116				
IT	88352-86-7P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(prepn. and reaction of, in prepn. of intermediate for herbicide antidote)				
RN	88352-86-7 CAPLUS				
CN	Ethanone, 2-amino-1-(2-furanyl)-, hydrochloride (9CI) (CA INDEX NAME)				

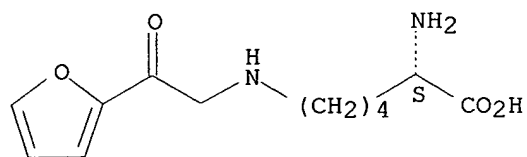


● HCl

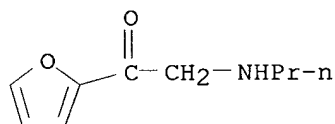
L5 ANSWER 225 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1991:59864 CAPLUS
DN 114:59864
TI Determination of hair protein glycation as an indicator of blood glucose control
AU Matsumoto, Shinichiro
CS Sch. Med., Kobe Univ., Kobe, Japan
SO Kobe Daigaku Igakubu Kiyo (1989), 50(1), 81-8
CODEN: KDIKAX; ISSN: 0075-6431
DT Journal
LA Japanese
IT **19746-33-9**, Furosine
RL: BIOL (Biological study)
(of hair, of humans with diabetes mellitus, protein glycation in relation to)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

V. Balasubramanian



L5 ANSWER 226 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1990:631868 CAPLUS
DN 113:231868
TI Formation of 1-amino-1,4-dideoxy-2,3-hexodiuloses and 2-aminoacetylfurans
in the Maillard reaction
AU Huber, Bernhard; Ledl, Franz
CS Inst. Pharm. Lebensmittelchem., Univ. Muenchen, Munich, D-8000, Germany
SO Carbohydrate Research (1990), 204, 215-20
CODEN: CRBRAT; ISSN: 0008-6215
DT Journal
LA English
OS CASREACT 113:231868
IT **120347-26-4P**
RL: FORM (Formation, nonpreparative); PREP (Preparation)
(formation of, in the Maillard reaction)
RN 120347-26-4 CAPLUS
CN Ethanone, 1-(2-furanyl)-2-(propylamino)- (9CI) (CA INDEX NAME)



L5 ANSWER 227 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1990:572008 CAPLUS
DN 113:172008
TI Preparation of 5-(thien-2-yl)-2-phenylthiazoles as photoactive
insecticides, acaracides, and nematodes
IN Lutomski, Kathryn A.
PA FMC Corp., USA
SO U.S., 6 pp. Cont.-in-part of U.S. 4,791,124.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4908357	A	19900313	US 1988-247974	19880922
	US 4791124	A	19881213	US 1987-34259	19870402
	ZA 8703139	A	19871230	ZA 1987-3139	19870430
PRAI	US 1986-857883		19860430		
	US 1986-908754		19860917		
	US 1987-34259		19870402		
OS	CASREACT 113:172008; MARPAT 113:172008				
IT	70996-65-5P , 2-Amino-1-thien-2-ylethanone hydrochloride				

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100044-40-4P 113214-66-7P 129761-28-0P

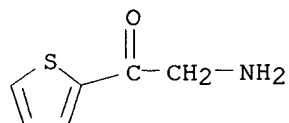
129761-30-4P

RL: SPN (Synthetic preparation); PREP (Preparation)

(prepn. of, as intermediate for photoactive insecticide, acaricide, and nematocide)

RN 70996-65-5 CAPLUS

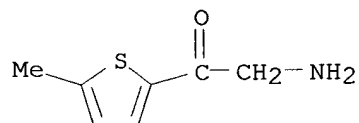
CN Ethanone, 2-amino-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 100044-40-4 CAPLUS

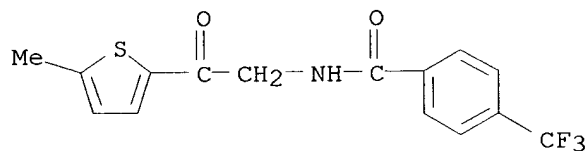
CN Ethanone, 2-amino-1-(5-methyl-2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 113214-66-7 CAPLUS

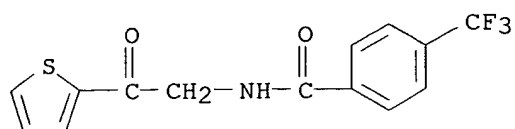
CN Benzamide, N-[2-(5-methyl-2-thienyl)-2-oxoethyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



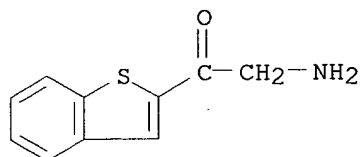
RN 129761-28-0 CAPLUS

CN Benzamide, N-[2-oxo-2-(2-thienyl)ethyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

V. Balasubramanian



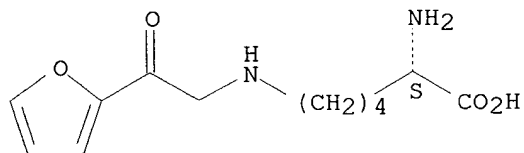
RN 129761-30-4 CAPLUS
CN Ethanone, 2-amino-1-benzo[b]thien-2-yl-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

L5 ANSWER 228 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1990:196125 CAPLUS
DN 112:196125
TI Clinical application of hair protein glycation in the assessment of blood glucose control and diabetic neuropathy
AU Masuta, Shogo; Sakai, Makoto; Ohara, Takeshi; Igaki, Naoya; Nakamichi, Tsuneo; Maeda, Yuichiro; Hata, Fumihiko; Oimomi, Munetada; Baba, Shigeaki
CS Sch. Med., Kobe Univ., Japan
SO Kobe Journal of Medical Sciences (1989), 35(1), 1-9
CODEN: KJMDA6; ISSN: 0023-2513
DT Journal
LA English
IT 19746-33-9, Furosine
RL: BIOL (Biological study)
(of hair, blood sugar and neuropathy in diabetes mellitus in humans correlation with)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

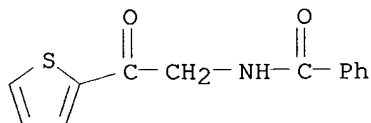


L5 ANSWER 229 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1990:178652 CAPLUS
DN 112:178652
TI Preparation of 2-(2-thienyl)ethylamines as pharmaceutical intermediates

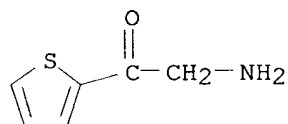
V. Balasubramanian

IN O'Reilly, Neil J.; Lin, Henry C.
PA Occidental Chemical Corp., USA
SO U.S., 5 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4874876	A	19891017	US 1988-265980	19881102
	JP 02196784	A2	19900803	JP 1989-281598	19891027
	EP 367233	A2	19900509	EP 1989-120205	19891031
	EP 367233	A3	19900711		
	R: CH, DE, ES, FR, GB, IT, LI, NL				
PRAI	US 1988-265980		19881102		
OS	CASREACT 112:178652; MARPAT 112:178652				
IT	85210-61-3P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (prepn. and hydrolysis of)				
RN	85210-61-3 CAPLUS				
CN	Benzamide, N-[2-oxo-2-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)				

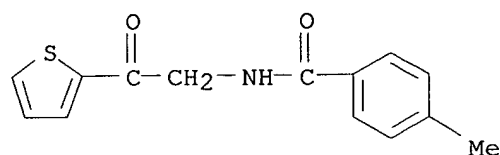


IT **70996-65-5P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (prepn. and redn. of)
RN 70996-65-5 CAPLUS
CN Ethanone, 2-amino-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



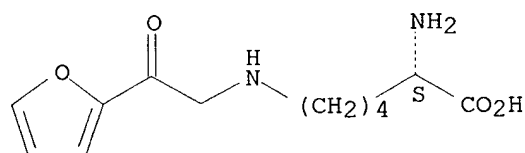
● HCl

IT **99923-43-0P**
RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)
RN 99923-43-0 CAPLUS
CN Benzamide, 4-methyl-N-[2-oxo-2-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 230 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1990:135419 CAPLUS
 DN 112:135419
 TI Determination of furosine as a measure for irreversibly bound glucose in human fibrinogen
 AU Szoelgyenyi, Gerald P.; Winsauer, Karl J. B.; Deutsch, Erwin
 CS Inst. Chem., Johannes-Kepler-Univ., Linz, A-1040, Austria
 SO Monatshefte fuer Chemie (1989), 120(12), 1147-58
 CODEN: MOCMB7; ISSN: 0026-9247
 DT Journal
 LA English
 OS CASREACT 112:135419
 IT **19746-33-9**, Furosine
 RL: ANT (Analyte); ANST (Analytical study)
 (detrn. of, by HPLC, glycation of human fibrinogen detrn. in relation to)
 RN 19746-33-9 CAPLUS
 CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

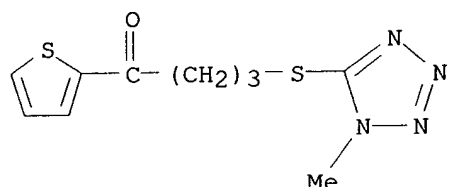
Absolute stereochemistry.



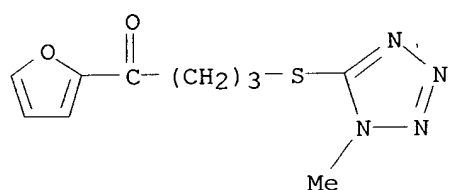
L5 ANSWER 231 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1990:7428 CAPLUS
 DN 112:7428
 TI Studies on gastric antiulcer active agents. III. Synthesis of 1-substituted 4-(5-tetrazolyl)thio-1-butanones and related compounds
 AU Uchida, Minoru; Komatsu, Makoto; Morita, Seiji; Kanbe, Toshimi; Yamasaki, Katsuya; Nakagawa, Kazuyuki
 CS Tokushima Res. Inst., Otsuka Pharm. Co., Ltd., Tokushima, 771-01, Japan
 SO Chemical & Pharmaceutical Bulletin (1989), 37(4), 958-61
 CODEN: CPBTAL; ISSN: 0009-2363
 DT Journal
 LA English
 OS CASREACT 112:7428
 IT **80087-46-3P 80087-47-4P**
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (prepn. and antiulcer activity of)
 RN 80087-46-3 CAPLUS
 CN 1-Butanone, 4-[(1-methyl-1H-tetrazol-5-yl)thio]-1-(2-thienyl)- (9CI) (CA

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INDEX NAME)

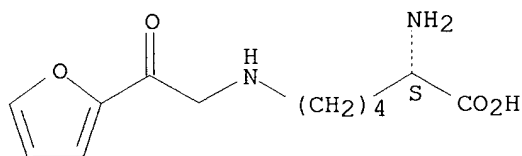


RN 80087-47-4 CAPLUS
CN 1-Butanone, 1-(2-furanyl)-4-[(1-methyl-1H-tetrazol-5-yl)thio]- (9CI) (CA INDEX NAME)



L5 ANSWER 232 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1989:551416 CAPLUS
DN 111:151416
TI Glycosylated proteins of skin, nail and hair: application as an index for long-term control of diabetes mellitus
AU Sueki, Hirohiko; Nozaki, Shigeyuki; Fujisawa, Ryuichi; Aoki, Kimiko; Kuroiwa, Yukio
CS Sch. Med. Pharm. Sci., Showa Univ., Tokyo, 142, Japan
SO Journal of Dermatology (1989), 16(2), 103-10
CODEN: JDMYAG; ISSN: 0385-2407
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BIOL (Biological study)
(of nail, in diabetes mellitus in humans, as long-term control index)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

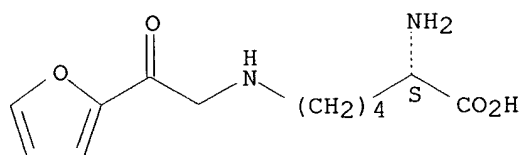


L5 ANSWER 233 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1989:549767 CAPLUS
DN 111:149767

V. Balasubramanian

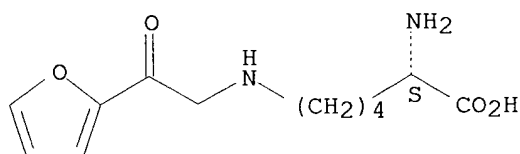
TI Studies on the determination of glycated protein (keratin) in fingernails and its clinical applications
AU Nishimoto, Shigeki
CS Sch. Med., Kobe Univ., Kobe, 650, Japan
SO Kobe Daigaku Igakubu Kiyo (1988), 49(2), 121-8
CODEN: KDIKAX; ISSN: 0075-6431
DT Journal
LA Japanese
IT **19746-33-9**, Furosine
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, in fingernails of humans in diabetes by HPLC, glycated protein detn. in relation to)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 234 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1989:532726 CAPLUS
DN 111:132726
TI Estimation of lysine damage in heated whey proteins by furosine determinations in conjunction with the digestion cell technique
AU Desrosiers, Therese; Savoie, Laurent; Bergeron, Gino; Parent, Guy
CS Cent. Rech. Nutr., Univ. Laval, Quebec, QC, G1K 7P4, Can.
SO Journal of Agricultural and Food Chemistry (1989), 37(5), 1385-91
CODEN: JAFCAU; ISSN: 0021-8561
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: FORM (Formation, nonpreparative)
(formation of, in whey protein conc. heating, lysine damage in relation to)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

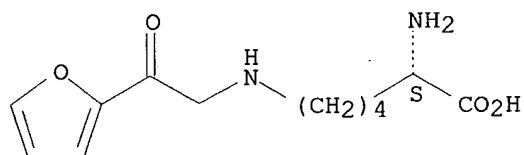


L5 ANSWER 235 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1989:495802 CAPLUS
DN 111:95802
TI Formation of early Maillard products during UHT treatment of milk
AU Erbersdobler, H. F.; Dehn-Mueller, Barutha

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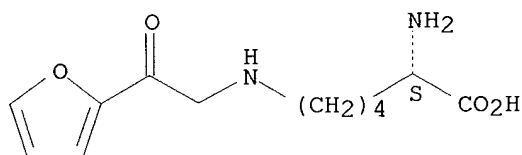
CS Inst. Humanernaehrg. Lebensmittelkd., Christian-Albrechts-Univ., Kiel,
D-2300/1, Fed. Rep. Ger.
SO Bulletin of the International Dairy Federation (1989), 238, 62-7
CODEN: BIDFDY; ISSN: 0250-5118
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: FORM (Formation, nonpreparative)
(formation of, in milk during ultra-high-temp. treatment)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 236 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1989:494870 CAPLUS
DN 111:94870
TI Glycation of collagen in the aorta and the development of aging
AU Nishimoto, S.; Oimomi, M.; Baba, S.
CS Sch. Med., Kobe Univ., Kobe, Japan
SO Clinica Chimica Acta (1989), 182(2), 235-7
CODEN: CCATAR; ISSN: 0009-8981
DT Journal
LA English
IT **19746-33-9**
RL: BIOL (Biological study)
(in artery collagens, during senescence in humans, maturity-onset
diabetes mellitus effect on)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

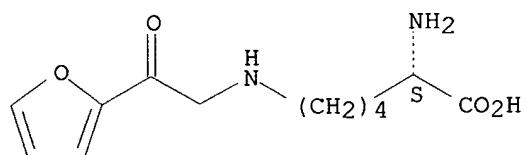


L5 ANSWER 237 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1989:475928 CAPLUS
DN 111:75928
TI Protein glycation in the aorta, with reference to aging, arteriosclerosis
and diabetes mellitus
AU Kitamura, Yoshiaki
CS Sch. Med., Kobe Univ., Kobe, 650, Japan
SO Kobe Daigaku Igakubu Kiyo (1988), 49(1), 419-26
CODEN: KDIKAX; ISSN: 0075-6431

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DT Journal
LA Japanese
IT **19746-33-9**, Furosine
RL: BIOL (Biological study)
(of aorta of humans, in arteriosclerosis and diabetes and senescence,
protein glycation in relation to)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

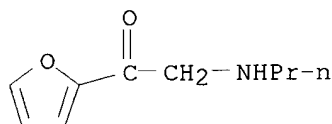
Absolute stereochemistry.



L5 ANSWER 238 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1989:213188 CAPLUS
DN 110:213188
TI Formation of 2-(2-furoyl)-4(5)-(2-furyl)-1H-imidazole in the Maillard
reaction
AU Huber, Bernhard; Ledl, Franz; Severin, Theodor; Stangl, Achim; Pfleiderer,
Gerhard
CS Inst. Pharm. Lebensmittelchem., Univ. Muenchen, Munich, D-8000, Fed. Rep.
Ger.
SO Carbohydrate Research (1988), 182(2), 301-6
CODEN: CRBRAT; ISSN: 0008-6215
DT Journal
LA English
OS CASREACT 110:213188
IT **120347-27-5P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and reaction of, with ammonia)
RN 120347-27-5 CAPLUS
CN Ethanone, 1-(2-furanyl)-2-(propylamino)-, ethanedioate (1:1) (9CI) (CA
INDEX NAME)

CM 1

CRN 120347-26-4
CMF C9 H13 N O2

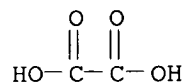


CM 2

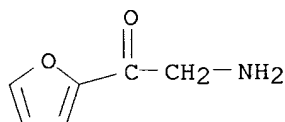
CRN 144-62-7

V. Balasubramanian

CMF C2 H2 O4



L5 ANSWER 239 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1989:95098 CAPLUS
DN 110:95098
TI A study of the reaction of ethyl isothiocyanatoacetate with
.alpha.-aminocarbonyl compounds
AU Veverka, M.; Marchalin, M.
CS Inst. Biotechnol., Slovak Tech. Univ., Bratislava, Czech.
SO Studies in Organic Chemistry (Amsterdam) (1988), 35(Chem. Heterocycl.
Compd.), 567-70
CODEN: SOCHDQ; ISSN: 0165-3253
DT Journal
LA English
IT **88352-86-7**
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with isothiocyanatoacetate)
RN 88352-86-7 CAPLUS
CN Ethanone, 2-amino-1-(2-furanyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

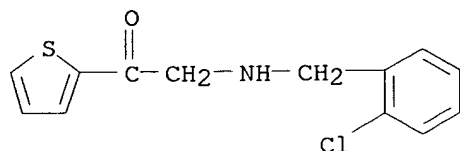
L5 ANSWER 240 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1989:75477 CAPLUS
DN 110:75477
TI A process for the preparation of the blood platelet aggregation inhibitor
5-(2-chlorobenzyl)-4,5,6,7-tetrahydrothieno[3,2-c]pyridine
IN Okada, Tsugio; Kawasaki, Hiroshi; Kikuchi, Toshio; Aoki, Takao; Watanabe,
Masahiro
PA Iwashiro Seiyaku Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 62164683	A2	19870721	JP 1986-3546	19860113
PRAI	JP 1986-3546		19860113		
IT	115367-09-4P				

09/817,374

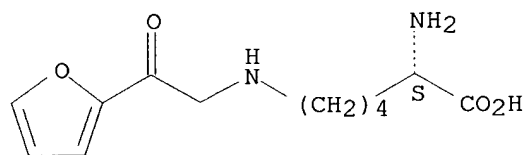
V. Balasubramanian

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and thioketalization of, with ethanedithiol)
RN 115367-09-4 CAPLUS
CN Ethanone, 2-[[(2-chlorophenyl)methyl]amino]-1-(2-thienyl)- (9CI) (CA
INDEX NAME)



L5 ANSWER 241 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1989:4122 CAPLUS
DN 110:4122
TI Glycated lysine increases in serum samples stored at -20.degree.C
AU Schaeffer, Lauge
CS Dep. Clin. Biochem., Novo Res. Inst., Bagsvaerd, DK-2880, Den.
SO Clinical Chemistry (Washington, DC, United States) (1988), 34(9), 1906-8
CODEN: CLCHAU; ISSN: 0009-9147
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, in hydrolyzed serum by HPLC)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

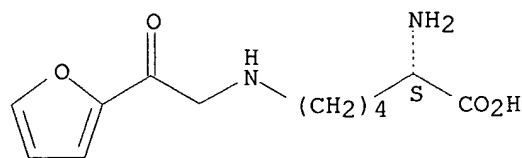


L5 ANSWER 242 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1988:606959 CAPLUS
DN 109:206959
TI Mechanism of formation of the putative advanced glycosylation end product
and protein cross-link 2-(2-furoyl)-4(5)-(2-furanyl)-1H-imidazole
AU Njoroge, F. George; Fernandes, Albert A.; Monnier, Vincent M.
CS Sch. Med., Case Western Reserve Univ., Cleveland, OH, 44106, USA
SO Journal of Biological Chemistry (1988), 263(22), 10646-52
CODEN: JBCHA3; ISSN: 0021-9258
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: RCT (Reactant); RACT (Reactant or reagent)
(acid hydrolysis of, furoylfuranylimidazole formation in)
RN 19746-33-9 CAPLUS

V. Balasubramanian

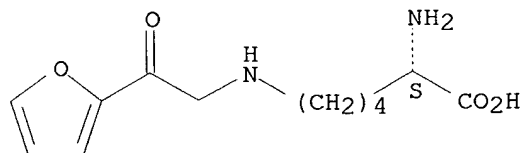
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 243 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1988:569050 CAPLUS
DN 109:169050
TI Determination of amino acids by gas-liquid chromatography with
nitrogen-selective detection
AU Bueser, Wolfgang; Erbersdobler, Helmut F.
CS Untersuchungsinst. Sanitaetsdienstes Bundeswehr, Kronshagen, D-2300, Fed.
Rep. Ger.
SO Zeitschrift fuer Lebensmittel-Untersuchung und -Forschung (1988), 186(6),
509-13
CODEN: ZLUFAR; ISSN: 0044-3026
DT Journal
LA German
IT 19746-33-9
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, in food and protein hydrolyzates by gas chromatog. of
heptafluorobutyl iso-Bu ester derivs.)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



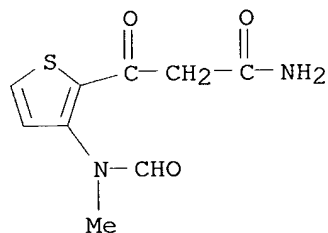
L5 ANSWER 244 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1988:549506 CAPLUS
DN 109:149506
TI Preparation of thienopyridinecarboxamide derivatives as cardiovascular
agents and formulations containing them
IN Davies, Roy Victor
PA Boots Co. PLC, UK
SO Eur. Pat. Appl., 18 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 269295	A1	19880601	EP 1987-309788	19871105
	EP 269295	B1	19910626		

V. Balasubramanian

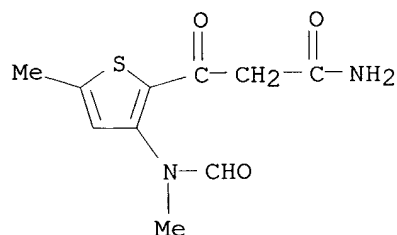
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE

ZA 8708306	A	19880629	ZA 1987-8306	19871105
AT 64736	E	19910715	AT 1987-309788	19871105
ES 2038188	T3	19930716	ES 1987-309788	19871105
FI 8705020	A	19880521	FI 1987-5020	19871113
DK 8705998	A	19880521	DK 1987-5998	19871116
IL 84505	A1	19901223	IL 1987-84505	19871117
DD 282690	A5	19900919	DD 1987-309168	19871118
NO 8704834	A	19880524	NO 1987-4834	19871119
JP 63141984	A2	19880614	JP 1987-293042	19871119
HU 47289	A2	19890228	HU 1987-5137	19871119
HU 198060	B	19890728		
US 4877793	A	19891031	US 1987-122394	19871119
AU 8781440	A1	19880526	AU 1987-81440	19871120
AU 599721	B2	19900726		
CN 87107975	A	19880601	CN 1987-107975	19871120
CN 1019491	B	19921216		
PL 149617	B1	19900331	PL 1987-268925	19871120
PRAI GB 1986-27698		19861120		
EP 1987-309788		19871105		
OS MARPAT 109:149506				
IT 116623-98-4 116623-99-5 116624-00-1				
116624-01-2 116624-02-3				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(cyclization of)				
RN 116623-98-4 CAPLUS				
CN 2-Thiophenepropanamide, 3-(formylmethylamino)-.beta.-oxo- (9CI) (CA INDEX NAME)				



RN 116623-99-5 CAPLUS

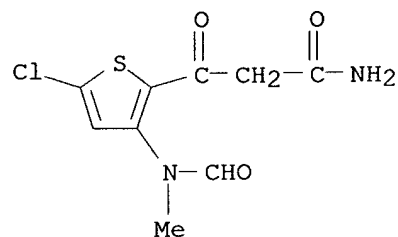
CN 2-Thiophenepropanamide, 3-(formylmethylamino)-5-methyl-.beta.-oxo- (9CI) (CA INDEX NAME)



RN 116624-00-1 CAPLUS

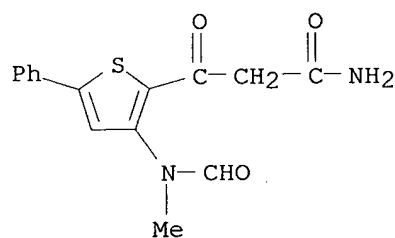
CN 2-Thiophenepropanamide, 5-chloro-3-(formylmethylamino)-.beta.-oxo- (9CI) (CA INDEX NAME)

V. Balasubramanian



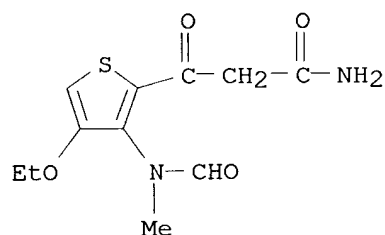
RN 116624-01-2 CAPLUS

CN 2-Thiophenepropanamide, 3-(formylmethylamino)-.beta.-oxo-5-phenyl- (9CI)
(CA INDEX NAME)



RN 116624-02-3 CAPLUS

CN 2-Thiophenepropanamide, 4-ethoxy-3-(formylmethylamino)-.beta.-oxo- (9CI)
(CA INDEX NAME)



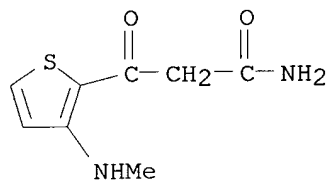
IT 116624-03-4 116624-04-5 116624-05-6

116624-06-7 116624-07-8

RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with alkyl orthoformate)

RN 116624-03-4 CAPLUS

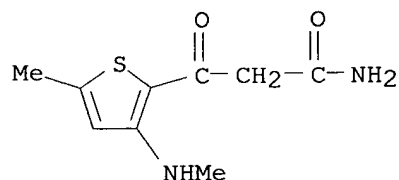
CN 2-Thiophenepropanamide, 3-(methylamino)-.beta.-oxo- (9CI) (CA INDEX NAME)



V. Balasubramanian

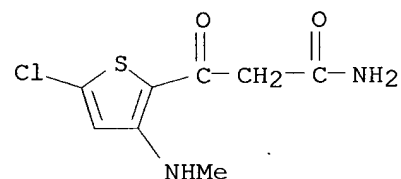
RN 116624-04-5 CAPLUS

CN 2-Thiophenepropanamide, 5-methyl-3-(methylamino)-.beta.-oxo- (9CI) (CA INDEX NAME)



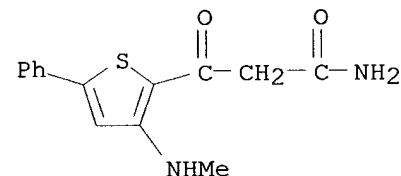
RN 116624-05-6 CAPLUS

CN 2-Thiophenepropanamide, 5-chloro-3-(methylamino)-.beta.-oxo- (9CI) (CA INDEX NAME)



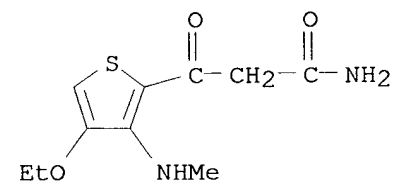
RN 116624-06-7 CAPLUS

CN 2-Thiophenepropanamide, 3-(methylamino)-.beta.-oxo-5-phenyl- (9CI) (CA INDEX NAME)



RN 116624-07-8 CAPLUS

CN 2-Thiophenepropanamide, 4-ethoxy-3-(methylamino)-.beta.-oxo- (9CI) (CA INDEX NAME)



L5 ANSWER 245 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1988:526424 CAPLUS

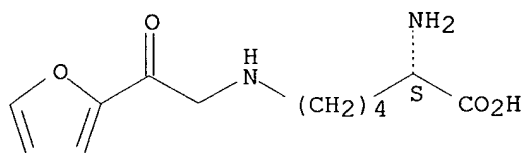
DN 109:126424

TI A study of the age-related acceleration of glycation of tissue proteins in rats

V. Balasubramanian

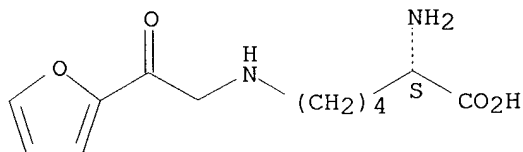
AU Oimomi, Munetada; Maeda, Yuichiro; Hata, Fumihiko; Kitamura, Yoshiaki;
Matsumoto, Shinichiro; Hatanaka, Hiroshi; Baba, Shigeaki
CS Sch. Med., Kobe Univ., Japan
SO Journals of Gerontology (1988), 43(4), B98-B101
CODEN: JOGEA3; ISSN: 0022-1422
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BIOL (Biological study)
(of artery, in senescence)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 246 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1988:472315 CAPLUS
DN 109:72315
TI Monitoring nonenzymic browning in cakes prepared with high-fructose corn
syrup by high-performance liquid chromatography
AU Harris, C. H.; Johnson, J. M.
CS Dep. Hum. Nutr. Foods, Virginia Tech, Blacksburg, VA, 24061, USA
SO Journal of Food Quality (1988), 10(6), 417-24
CODEN: JFQUD7; ISSN: 0146-9428
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BIOL (Biological study)
(of cakes made with high-fructose corn syrup, nonenzymic browning in
relation to)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

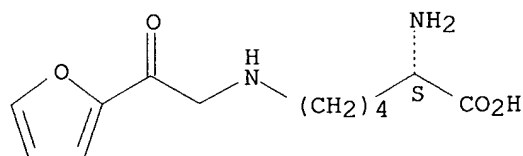


L5 ANSWER 247 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1988:469771 CAPLUS
DN 109:69771
TI Clinical application of serum glycosylated protein (fructosamine)
AU Masuta, Shogo; Nakamichi, Tsuneo; Maeda, Yuichiro; Hata, Fumihiko;
Kitamura, Yoshiaki; Matsumoto, Shinichiro; Hatanaka, Hiroshi; Oimomi,
Munetada; Baba, Shigeaki

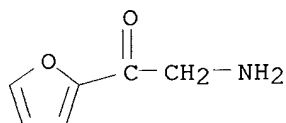
V. Balasubramanian

CS Sch. Med., Kobe Univ., Kobe, Japan
SO Tonyoby (Tokyo, Japan) (1988), 31(1), 35-40
CODEN: TONYA4; ISSN: 0021-437X
DT Journal
LA Japanese
IT **19746-33-9**, Furosine
RL: ANST (Analytical study)
(of blood serum, of humans in diabetes. fructosamine correlation with)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 248 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1988:221624 CAPLUS
DN 108:221624
TI Synthesis of ethyl 2-(4-chlorophenyl)-5-(2-furyl)-4-oxazoleacetate, a
hypolipidemic agent, and related compounds
AU Moriya, Tamon; Seki, Masahiko; Takabe, Seiichi; Matsumoto, Kazuo;
Takashima, Kohki; Mori, Tetsuji; Odawara, Akio; Takeyama, Shigeyuki
CS Res. Lab. Appl. Biochem., Tanabe Seiyaku Co., Ltd., Osaka, 532, Japan
SO Journal of Medicinal Chemistry (1988), 31(6), 1197-204
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
OS CASREACT 108:221624
IT **88352-86-7**
RL: RCT (Reactant); RACT (Reactant or reagent)
(acylation of)
RN 88352-86-7 CAPLUS
CN Ethanone, 2-amino-1-(2-furanyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

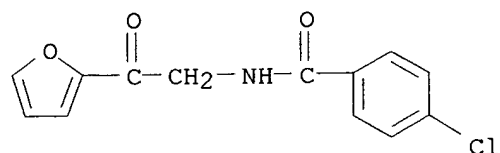
IT **88352-87-8P 88352-92-5P 88352-93-6P**
88352-94-7P 88352-95-8P 88352-96-9P
88352-97-0P 88352-98-1P 113598-06-4P
113598-07-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

V. Balasubramanian

(prepn. and reaction of, with bromoacetate)

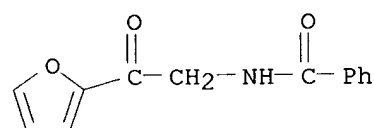
RN 88352-87-8 CAPLUS

CN Benzamide, 4-chloro-N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)



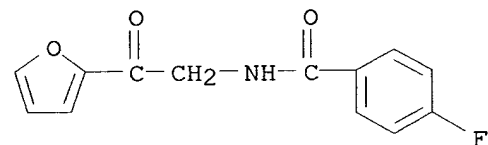
RN 88352-92-5 CAPLUS

CN Benzamide, N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)



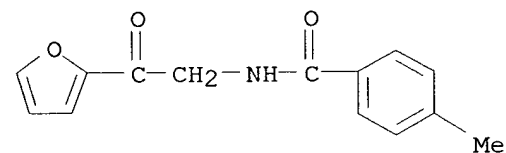
RN 88352-93-6 CAPLUS

CN Benzamide, 4-fluoro-N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)



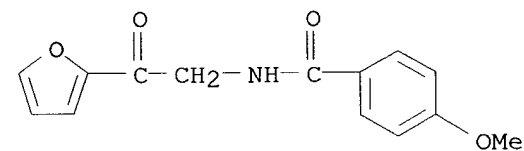
RN 88352-94-7 CAPLUS

CN Benzamide, N-[2-(2-furanyl)-2-oxoethyl]-4-methyl- (9CI) (CA INDEX NAME)



RN 88352-95-8 CAPLUS

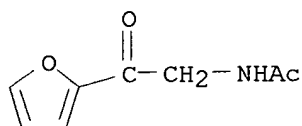
CN Benzamide, N-[2-(2-furanyl)-2-oxoethyl]-4-methoxy- (9CI) (CA INDEX NAME)



V. Balasubramanian

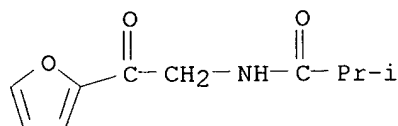
RN 88352-96-9 CAPLUS

CN Acetamide, N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)



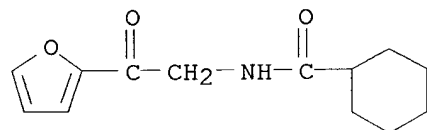
RN 88352-97-0 CAPLUS

CN Propanamide, N-[2-(2-furanyl)-2-oxoethyl]-2-methyl- (9CI) (CA INDEX NAME)



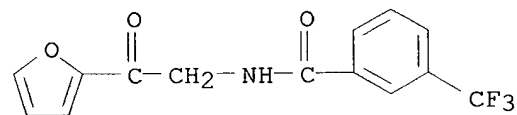
RN 88352-98-1 CAPLUS

CN Cyclohexanecarboxamide, N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)



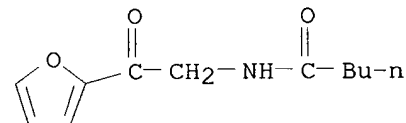
RN 113598-06-4 CAPLUS

CN Benzamide, N-[2-(2-furanyl)-2-oxoethyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 113598-07-5 CAPLUS

CN Pentanamide, N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

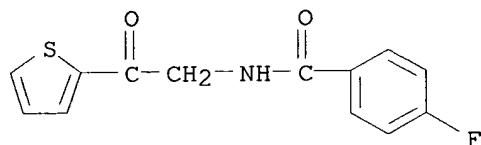


L5 ANSWER 249 OF 409 CAPLUS COPYRIGHT 2003 ACS

09/817,374

V. Balasubramanian

AN 1988:131666 CAPLUS
DN 108:131666
TI Syntheses of 2-aryl-4-(3-thienyl)imidazole derivatives with
antiinflammatory properties
AU Suzuki, Mamoru; Maeda, Sadao; Matsumoto, Kazuo; Ishizuka, Tohru; Iwasawa,
Yoshio
CS Res. Lab. Appl. Biochem., Tanabe Seiyaku Co., Ltd., Osaka, 532, Japan
SO Chemical & Pharmaceutical Bulletin (1986), 34(8), 3111-20
CODEN: CPBTAL; ISSN: 0009-2363
DT Journal
LA English
OS CASREACT 108:131666
IT **85210-64-6**
RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclization. of, in presence of ammonium acetate)
RN 85210-64-6 CAPLUS
CN Benzamide, 4-fluoro-N-[2-oxo-2-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)

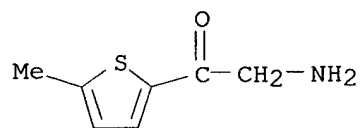


L5 ANSWER 250 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1988:112439 CAPLUS
DN 108:112439
TI Preparation and testing of photoactive azole pesticides
IN Lutomski, Kathryn Ann; Burkart, Susan Ellen; Phillips, Richard Benton;
Roush, David Michael; Turchi, Ignatius Joseph
PA FMC Corp., USA
SO PCT Int. Appl., 39 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 8706429	A1	19871105	WO 1987-US842	19870414
	W: AU, BR, DK, HU, JP, KR				
	RW: CH, DE, FR, GB, IT, NL				
	AU 8773015	A1	19871124	AU 1987-73015	19870414
	ZA 8703139	A	19871230	ZA 1987-3139	19870430
	CN 87103235	A	19880608	CN 1987-103235	19870430
	DK 8706893	A	19871229	DK 1987-6893	19871229
PRAI	US 1986-857883		19860430		
	US 1986-908754		19860917		
	WO 1987-US842		19870414		

IT **100044-40-4P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and acylation of)
RN 100044-40-4 CAPLUS
CN Ethanone, 2-amino-1-(5-methyl-2-thienyl)-, hydrochloride (9CI) (CA INDEX
NAME)

V. Balasubramanian



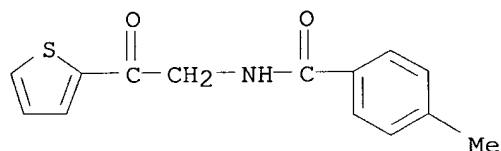
● HCl

IT 99923-43-0P 113214-66-7P 113214-67-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (prepn. and sulfuration of)

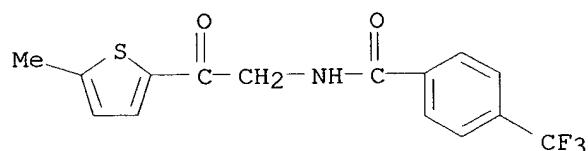
RN 99923-43-0 CAPLUS

CN Benzamide, 4-methyl-N-[2-oxo-2-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)



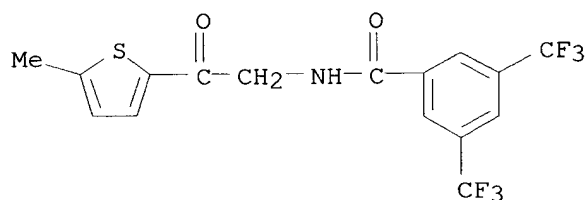
RN 113214-66-7 CAPLUS

CN Benzamide, N-[2-(5-methyl-2-thienyl)-2-oxoethyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 113214-67-8 CAPLUS

CN Benzamide, N-[2-(5-methyl-2-thienyl)-2-oxoethyl]-3,5-bis(trifluoromethyl)- (9CI) (CA INDEX NAME)



IT 113214-69-0

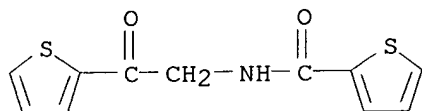
RL: RCT (Reactant); RACT (Reactant or reagent)

V. Balasubramanian

(sulfuration of)

RN 113214-69-0 CAPLUS

CN 2-Thiophenecarboxamide, N-[2-oxo-2-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 251 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1988:4201 CAPLUS

DN 108:4201

TI Cataract and nonenzymatic glycation

AU Kitamura, Yoshiaki; Maeda, Yuichiro; Hata, Fumihiko; Nishimoto, Shigeki; Matsumoto, Shinichiro; Hatanaka, Hiroshi; Oimomi, Munetada; Baba, Shigeaki; Iga, Toshiyuki; Inoue, Masanori

CS Sch. Med., Kobe Univ., Kobe, Japan

SO Tonyobyto (Tokyo, Japan) (1987), 30(6), 529-33

CODEN: TONYA4; ISSN: 0021-437X

DT Journal

LA Japanese

IT 19746-33-9, Furosine

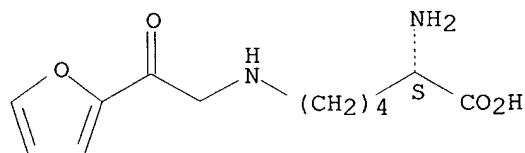
RL: BIOL (Biological study)

(of eye lens, in diabetes in human, cataract pathogenesis in relation to)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 252 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1987:550561 CAPLUS

DN 107:150561

TI Measurement of glycated protein by a rapid and specific method for absolute quantification of lysine-bound glucose

AU Drexel, Heinz; Klocker, Helmut; Patsch, Josef R.; Breier, Christoph; Braunsteiner, Herbert

CS Inst. Biochem., Univ. Innsbruck, Innsbruck, 6020, Austria

SO Clinical Chemistry (Washington, DC, United States) (1987), 33(9), 1656-9

CODEN: CLCHAU; ISSN: 0009-9147

DT Journal

LA English

IT 19746-33-9, Furosine

RL: ANT (Analyte); ANST (Analytical study)

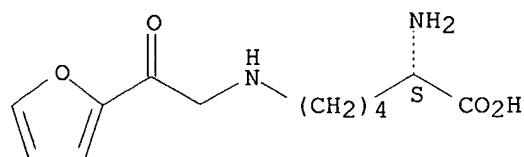
(detn. of, in blood serum proteins by reversed-phase HPLC, of humans)

RN 19746-33-9 CAPLUS

V. Balasubramanian

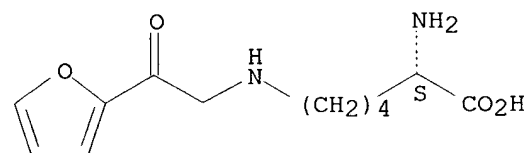
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 253 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1987:422036 CAPLUS
DN 107:22036
TI Detection of reconstituted milk in fresh milk
AU Ding, Hwia Cheng; Chang, Tsung Chain
CS Food Ind. Res. Dev. Inst., Hsinchu, Taiwan
SO Zhongguo Nongye Huaxue Huizhi (1986), 24(4), 406-11
CODEN: CKNHAA; ISSN: 0578-1736
DT Journal
LA Chinese
IT **19746-33-9, Furosine**
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, in milk, in adulteration detection by milk culture)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

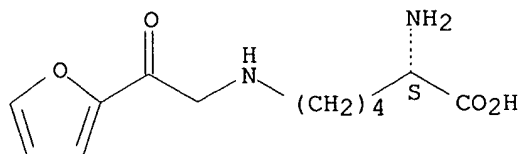
Absolute stereochemistry.



L5 ANSWER 254 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1987:403507 CAPLUS
DN 107:3507
TI Determination of glycosylation in hair protein by furosine assay method
AU Oimomi, Munetada; Maeda, Yuichiro; Hata, Fumihiko; Nishimoto, Shigeki;
Kitamura, Yoshiaki; Matsumoto, Shinichiro; Hatanaka, Hiroshi; Baba,
Shigeaki
CS Sch. Med., Kobe Univ., Kobe, 650, Japan
SO Rinsho Kagaku (Nippon Rinsho Kagakkai) (1986), 15(4), 233-6
CODEN: RIKAAAN; ISSN: 0370-5633
DT Journal
LA English
IT **19746-33-9, Furosine**
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, in hair by HPLC as glycosylation indicator)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

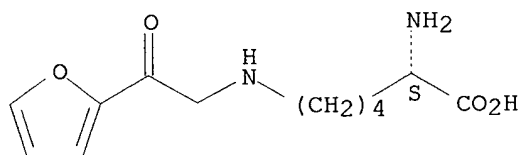
Absolute stereochemistry.

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L5 ANSWER 255 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1987:117499 CAPLUS
DN 106:117499
TI Increased fructose-lysine of nail protein and blood glucose control in diabetic patients
AU Oimomi, M.; Nishimoto, S.; Kitamura, Y.; Matsumoto, S.; Hatanaka, H.; Baba, S.
CS Sch. Med., Kobe Univ., Kobe, 650, Japan
SO Hormone and Metabolic Research (1986), 18(12), 827-9
CODEN: HMMRA2; ISSN: 0018-5043
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: BIOL (Biological study)
(of nail, in diabetes mellitus in humans, blood sugar control in relation to)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

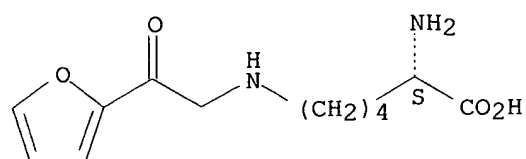
Absolute stereochemistry.



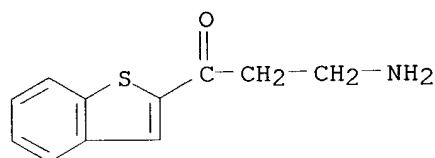
L5 ANSWER 256 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1987:65919 CAPLUS
DN 106:65919
TI Determination of furosine in heated milk as a measure of heat intensity during processing
AU Erbersdobler, Helmut F.; Dehn, Barutha; Nangpal, Ashok; Reuter, Helmut
CS Inst. Humaneranaehr. Lebensmittelkd., Christian-Albrechts-Univ., Kiel, 2300/1, Fed. Rep. Ger.
SO Journal of Dairy Research (1987), 54(1), 147-51
CODEN: JDRSAN; ISSN: 0022-0299
DT Journal
LA English
IT **19746-33-9**, Furosine
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, in milk, by ion-exchange chromatog.)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

V. Balasubramanian



L5 ANSWER 257 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1987:43711 CAPLUS
DN 106:43711
TI Inhibitory effects of three new synthetic compounds on human platelet aggregation
AU Chignard, M.; Maamer, M.; Keraly, C. Lalau; Greiss, M.; Aurousseau, M.; Benveniste, J.
CS Univ. Paris-Sud, Clamart, 92140, Fr.
SO Thrombosis Research (1986), 44(4), 445-54
CODEN: THBRAA; ISSN: 0049-3848
DT Journal
LA English
IT **106327-74-6D**, derivs.
RL: BIOL (Biological study)
(platelet aggregation of human inhibition by)
RN 106327-74-6 CAPLUS
CN 1-Propanone, 3-amino-1-benzo[b]thien-2-yl- (9CI) (CA INDEX NAME)



L5 ANSWER 258 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1986:626018 CAPLUS
DN 105:226018
TI Arylalkenol, -alkynol, and -cycloalkanol derivatives
IN Hughes, Leslie Richard; Tucker, Howard
PA Imperial Chemical Industries PLC, UK
SO Eur. Pat. Appl., 39 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 193303	A2	19860903	EP 1986-300922	19860211
	EP 193303	A3	19891018		
	EP 193303	B1	19911023		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	IL 77801	A1	19910512	IL 1986-77801	19860205
	AU 8653264	A1	19860821	AU 1986-53264	19860206
	AU 594936	B2	19900322		
	ZA 8600894	A	19861126	ZA 1986-894	19860206

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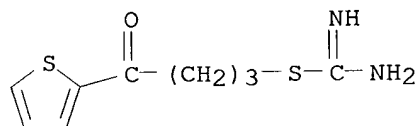
AT 68786	E	19911115	AT 1986-300922	19860211
FI 8600674	A	19860819	FI 1986-674	19860213
FI 86847	B	19920715		
FI 86847	C	19921026		
NO 8600586	A	19860819	NO 1986-586	19860217
NO 164348	B	19900618		
NO 164348	C	19900926		
CA 1256875	A1	19890704	CA 1986-501987	19860217
DK 8600760	A	19860819	DK 1986-760	19860218
JP 61189243	A2	19860822	JP 1986-32069	19860218
JP 07029964	B4	19950405		
US 4845119	A	19890704	US 1986-830136	19860218
US 5084478	A	19920128	US 1989-337862	19890414
US 5236953	A	19930817	US 1991-784880	19911030
PRAI GB 1985-4093		19850218		
US 1982-337862		19820414		
EP 1986-300922		19860211		
US 1986-830136		19860218		

IT 105444-75-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and thiolysis by, of epoxyphenylbutene derivs.)

RN 105444-75-5 CAPLUS

CN Carbamimidothioic acid, 4-oxo-4-(2-thienyl)butyl ester, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

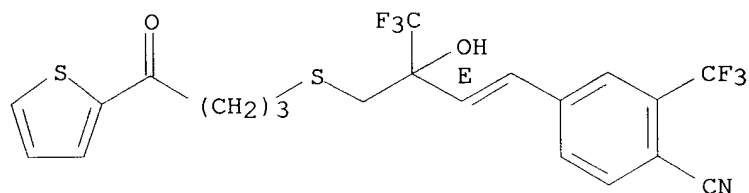
IT 105444-57-3P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of, as antiandrogen)

RN 105444-57-3 CAPLUS

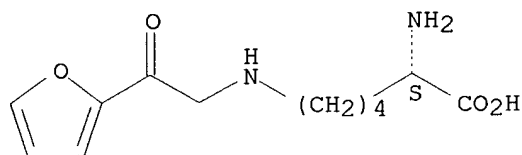
CN Benzonitrile, 4-[4,4,4-trifluoro-3-hydroxy-3-[[[4-oxo-4-(2-thienyl)butyl]thio]methyl]-1-butenyl]-2-(trifluoromethyl)-, (E)- (9CI)
(CA INDEX NAME)

Double bond geometry as shown.



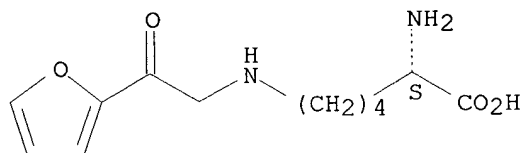
L5 ANSWER 259 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1986:589494 CAPLUS
DN 105:189494
TI Twenty years of furosine - better knowledge about the biological significance of the Maillard reaction in food and nutrition
AU Erbersdobler, H. F.
CS Dep. Nutr. Food Sci., Univ. Kiel, Kiel, D-2300/1, Fed. Rep. Ger.
SO Developments in Food Science (1986), 13(Amino-Carbonyl React. Food Biol. Syst.), 481-91
CODEN: DFSCDX; ISSN: 0167-4501
DT Journal; General Review
LA English
IT **19746-33-9**
RL: ANT (Analyte); ANST (Analytical study)
(detn. and formation of, in Maillard reaction, in food and tissues)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



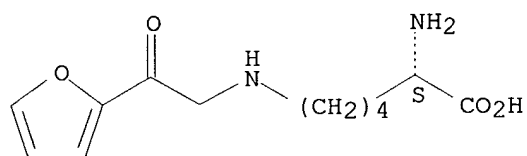
L5 ANSWER 260 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1986:511307 CAPLUS
DN 105:111307
TI Clinical application of glycosylated proteins (fructose-lysine) in diabetic patients
AU Oimomi, Munetada; Kitamura, Yoshiaki; Nishimoto, Shigeki; Matsumoto, Shinichiro; Hatanaka, Hiroshi; Ishikawa, Kazuo; Baba, Shigeaki
CS Sch. Med., Kobe Univ., Kobe, 650, Japan
SO Developments in Food Science (1986), 13(Amino-Carbonyl React. Food Biol. Syst.), 475-80
CODEN: DFSCDX; ISSN: 0167-4501
DT Journal
LA English
IT **19746-33-9**
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, in tissue proteins in diabetes in human by HPLC, blood glucose control in relation to)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



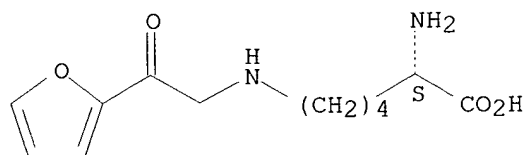
L5 ANSWER 261 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1986:511305 CAPLUS
DN 105:111305
TI Determination of fructose-lysine in glycosylated plasma proteins and its clinical application in diabetic patients
AU Ishikawa, Kazuo
CS Sch. Med., Kobe Univ., Kobe, 650, Japan
SO Kobe Daigaku Igakubu Kiyo (1985), 46(3), 205-13
CODEN: KDIKAX; ISSN: 0075-6431
DT Journal
LA Japanese
IT **19746-33-9**
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, by HPLC-spectrophotometry, plasma protein glycosylation in diabetes in human in relation to)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



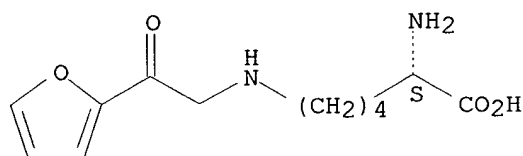
L5 ANSWER 262 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1986:477659 CAPLUS
DN 105:77659
TI Optimum yield of pyridosine and furosine originating from Maillard reactions monitored by ion-exchange chromatography
AU Molnar-Perl, I.; Pinter-Szakacs, M.; Wittmann, R.; Reutter, M.; Eichner, K.
CS Inst. Inorg. Anal. Chem., L. Eotvos Univ., Budapest, 1088, Hung.
SO Journal of Chromatography (1986), 361, 311-20
CODEN: JOCRAM; ISSN: 0021-9673
DT Journal
LA English
IT **19746-33-9**
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, in Maillard reaction products with lysine, by ion-exchange chromatog.)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

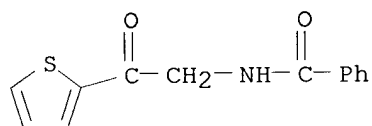


L5 ANSWER 263 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1986:182643 CAPLUS
 DN 104:182643
 TI Non-enzymic glycosylation of nail protein in diabetic patients
 AU Ishikawa, Kazuo; Matsumoto, Shinichiro; Hatanaka, Hiroshi; Kawasaki, Tomihiro; Kubota, Shinzo; Tanke, Genyo; Yoshimura, Yukio; Oimomi, Munetada; Baba, Shigeaki
 CS Sch. Med., Kobe Univ., Kobe, Japan
 SO Tonyobyto (Tokyo, Japan) (1985), 28(11), 1215-19
 CODEN: TONYA4; ISSN: 0021-437X
 DT Journal
 LA Japanese
 IT **19746-33-9**
 RL: ANT (Analyte); ANST (Analytical study)
 (detn. of, for nonenzymically glycosylated protein detn. in nails of humans)
 RN 19746-33-9 CAPLUS
 CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



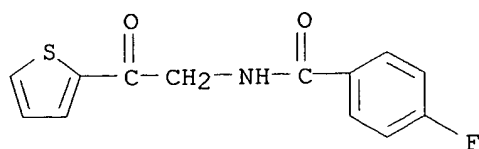
L5 ANSWER 264 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1986:129826 CAPLUS
 DN 104:129826
 TI Synthesis of amino acids and related compounds. 29. Synthesis and hypolipidemic activities of 5-thienyl-4-oxazoleacetic acid derivatives
 AU Moriya, Tamon; Takabe, Seiichi; Maeda, Sadao; Matsumoto, Kazuo
 CS Res. Lab. Appl. Biochem., Tanabe Seiyaku Co., Ltd., Osaka, 532, Japan
 SO Journal of Medicinal Chemistry (1986), 29(3), 333-41
 CODEN: JMCMAR; ISSN: 0022-2623
 DT Journal
 LA English
 OS CASREACT 104:129826
 IT **85210-61-3P 85210-64-6P 85210-65-7P**
99923-43-0P 99923-44-1P 99923-45-2P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and alkylation with bromoacetate)
 RN 85210-61-3 CAPLUS
 CN Benzamide, N-[2-oxo-2-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)



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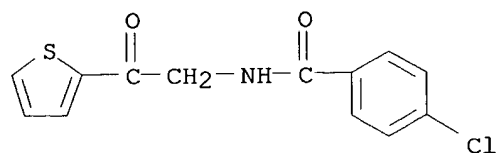
RN 85210-64-6 CAPLUS

CN Benzamide, 4-fluoro-N-[2-oxo-2-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)



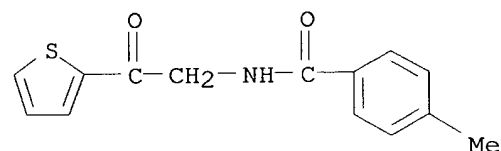
RN 85210-65-7 CAPLUS

CN Benzamide, 4-chloro-N-[2-oxo-2-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)



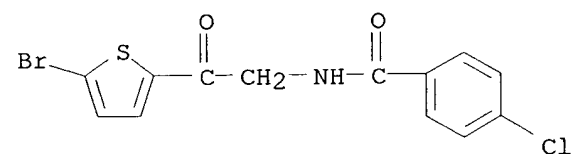
RN 99923-43-0 CAPLUS

CN Benzamide, 4-methyl-N-[2-oxo-2-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)



RN 99923-44-1 CAPLUS

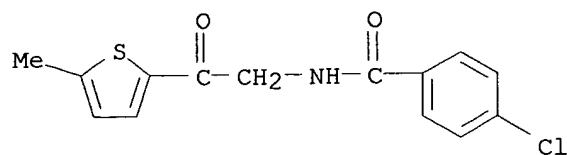
CN Benzamide, N-[2-(5-bromo-2-thienyl)-2-oxoethyl]-4-chloro- (9CI) (CA INDEX NAME)



RN 99923-45-2 CAPLUS

CN Benzamide, 4-chloro-N-[2-(5-methyl-2-thienyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

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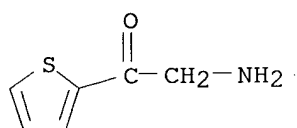


IT 70996-65-5 89102-67-0 100044-40-4

RL: RCT (Reactant); RACT (Reactant or reagent)
(N-acylation of)

RN 70996-65-5 CAPLUS

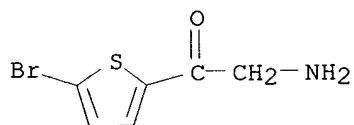
CN Ethanone, 2-amino-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 89102-67-0 CAPLUS

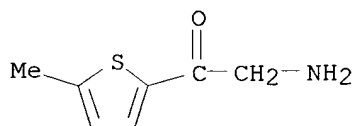
CN Ethanone, 2-amino-1-(5-bromo-2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 100044-40-4 CAPLUS

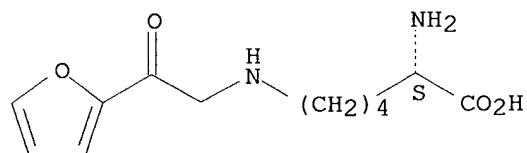
CN Ethanone, 2-amino-1-(5-methyl-2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

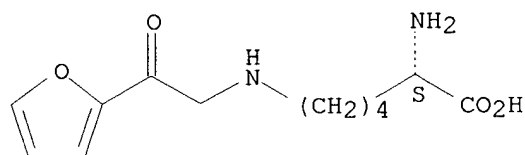
L5 ANSWER 265 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1986:105304 CAPLUS
DN 104:105304
TI Furosine derived from glucosylated hemoglobin
AU Hatanaka, Hiroshi; Kitamura, Yoshiaki; Nishimoto, Shigeki; Matsumoto, Shinichiro; Ishikawa, Kazuo; Kawasaki, Tomihiro; Kubota, Shinzo; Tanke, Genyo; Yoshimura, Yukio; et al.
CS Sch. Med., Kobe Univ., Kobe, 650, Japan
SO Tonyobyo (Tokyo, Japan) (1985), 28(10), 1171-4
CODEN: TONYA4; ISSN: 0021-437X
DT Journal
LA Japanese
IT **19746-33-9**
RL: ANST (Analytical study)
(detn. of glucosylated Hb-derived, of humans by reversed-phase HPLC)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 266 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1986:105303 CAPLUS
DN 104:105303
TI Measurement of glycosylated plasma protein using furosine determination and its clinical application for diabetic control
AU Oimomi, Munetada; Ishikawa, Kazuo; Hatanaka, Hiroshi; Kawasaki, Tomihiro; Kubota, Shinzo; Takagi, Kiyoshi; Tanke, Genyo; Yoshimura, Yukio; Baba, Shigeaki
CS Sch. Med., Kobe Univ., Kobe, Japan
SO Tonyobyo (Tokyo, Japan) (1985), 28(10), 1119-24
CODEN: TONYA4; ISSN: 0021-437X
DT Journal
LA Japanese
IT **19746-33-9**
RL: ANST (Analytical study)
(detn. of glycoprotein-derived, in blood plasma by HPLC)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

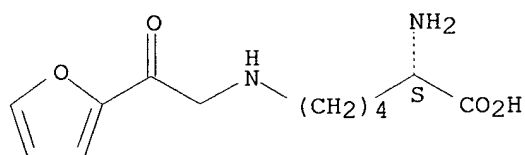
Absolute stereochemistry.



V. Balasubramanian

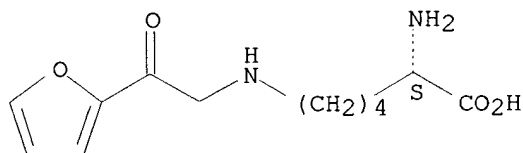
L5 ANSWER 267 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1986:84648 CAPLUS
DN 104:84648
TI A specific method of glycosylated hemoglobin using furosine measurement
AU Oimomi, Munetada; Nishimoto, Shigeki; Matsumoto, Shinichiro; Hatanaka, Hiroshi; Ishikawa, Kazuo; Baba, Shigeaki
CS Sch. Med., Kobe Univ., Kobe, 650, Japan
SO Diabetes Research and Clinical Practice (1985), 1(4), 193-5
CODEN: DRCPE9; ISSN: 0168-8227
DT Journal
LA English
IT **19746-33-9**
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, by HPLC in human glycoHb detn.)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 268 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1985:615759 CAPLUS
DN 103:215759
TI Determination of furosine by gas-liquid chromatography
AU Buser, W.; Erbersdobler, H. F.
CS Untersuchungsinst. Sanitaetsdienstes Bundeswehr, Kronshagen, 2300, Fed. Rep. Ger.
SO Journal of Chromatography (1985), 346, 363-8
CODEN: JOCRAM; ISSN: 0021-9673
DT Journal
LA English
IT **19746-33-9**
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, by gas-liq. chromatog.)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

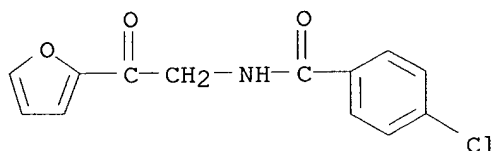


L5 ANSWER 269 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1985:615284 CAPLUS
DN 103:215284

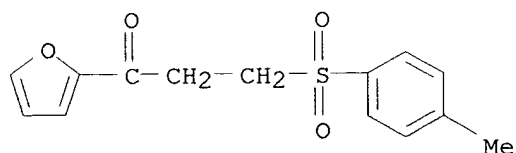
V. Balasubramanian

TI (Fluoroalkyl)imidazoles
PA Tanabe Seiyaku Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 60034951	A2	19850222	JP 1984-146678	19840713
	JP 05044456	B4	19930706		
	GB 2144408	A1	19850306	GB 1983-21000	19830804
PRAI	GB 1983-21000		19830804		
IT	88352-87-8P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)				
RN	88352-87-8	CAPLUS			
CN	Benzamide, 4-chloro-N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)				



L5 ANSWER 270 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1985:437153 CAPLUS
DN 103:37153
TI Preparation of .gamma.-hydroxysulfones
AU Messinger, Paul; Von Vietinghoff-Scheel, Rudolf
CS Inst. Pharm. Chem., Univ. Hamburg, Hamburg, 2000/13, Fed. Rep. Ger.
SO Archiv der Pharmazie (Weinheim, Germany) (1985), 318(5), 445-51
CODEN: ARPMAS; ISSN: 0365-6233
DT Journal
LA German
OS CASREACT 103:37153
IT **50366-61-5**
RL: RCT (Reactant); RACT (Reactant or reagent)
(redn. of, .gamma.-hydroxypropyl sulfone by)
RN 50366-61-5 CAPLUS
CN 1-Propanone, 1-(2-furanyl)-3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 271 OF 409 CAPLUS COPYRIGHT 2003 ACS

V. Balasubramanian

AN 1985:422598 CAPLUS
DN 103:22598
TI Tetrazole derivatives as antiulcers
PA Tanabe Seiyaku Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

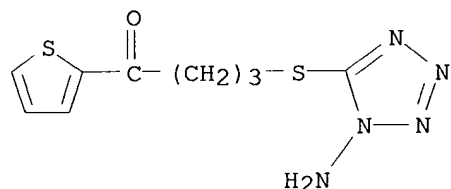
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 60041669	A2	19850305	JP 1983-148604	19830812
PRAI	JP 1983-148604		19830812		
OS	CASREACT 103:22598				
IT	97096-46-3P				

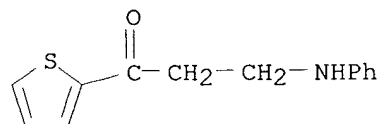
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and antiseecretory activity of)

RN 97096-46-3 CAPLUS

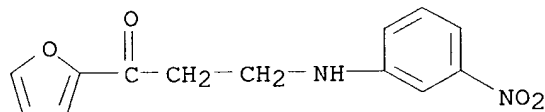
CN 1-Butanone, 4-[(1-amino-1H-tetrazol-5-yl)thio]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



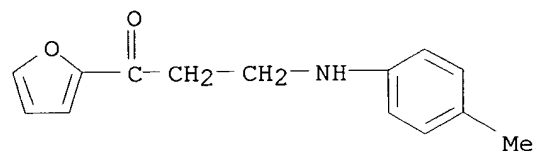
L5 ANSWER 272 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1985:166839 CAPLUS
DN 102:166839
TI Synthesis of heterocyclic compounds: part XXVI - 3,6-diaryl-3,4-dihydro-1,3,2-oxazaphosphorin 2-oxides
AU Modak, A. S.; Gogte, V. N.; Tilak, B. D.
CS Natl. Chem. Lab., Pune, 411 008, India
SO Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1984), 23B(10), 907-13
CODEN: IJSBDB; ISSN: 0376-4699
DT Journal
LA English
OS CASREACT 102:166839
IT **21280-44-4**
RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclization of, with phosphorus oxychloride)
RN 21280-44-4 CAPLUS
CN 1-Propanone, 3-(phenylamino)-1-(2-thienyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 273 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1985:6087 CAPLUS
 DN 102:6087
 TI Mannich reaction with arylamine as the amino component. IV. Synthesis of .beta.-arylamino ketones using arylamine hydrochloride and heterocyclic ketone
 AU Xu, Xiujuan; Yuan, Qibin; Chen, Guangxu
 CS Dep. Chem., Beijing Norm. Univ., Beijing, Peop. Rep. China
 SO Huaxue Xuebao (1984), 42(7), 688-92
 CODEN: HHHPA4; ISSN: 0567-7351
 DT Journal
 LA Chinese
 OS CASREACT 102:6087
 IT 15057-32-6P 15057-34-8P 15147-02-1P
 15147-15-6P 15263-10-2P 21280-44-4P
 93523-00-3P 93523-01-4P 93523-02-5P
 93523-03-6P 93523-10-5P 93523-11-6P
 93523-12-7P 93523-13-8P 93523-14-9P
 93523-15-0P 93523-16-1P 93523-17-2P
 93523-18-3P 93523-19-4P 93523-20-7P
 93523-21-8P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 15057-32-6 CAPLUS
 CN 1-Propanone, 1-(2-furanyl)-3-[(3-nitrophenyl)amino]- (9CI) (CA INDEX NAME)

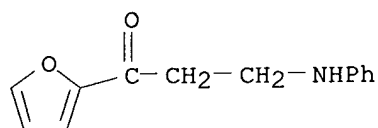


RN 15057-34-8 CAPLUS
 CN 1-Propanone, 1-(2-furanyl)-3-[(4-methylphenyl)amino]- (9CI) (CA INDEX NAME)

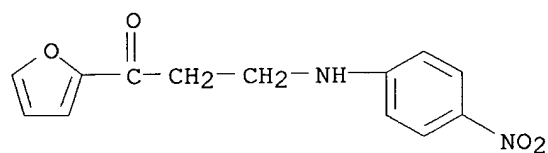


RN 15147-02-1 CAPLUS
 CN 1-Propanone, 1-(2-furanyl)-3-(phenylamino)- (9CI) (CA INDEX NAME)

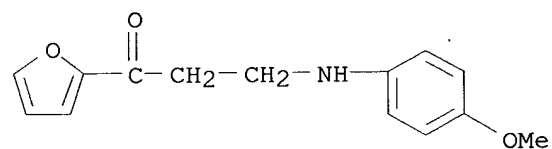
V. Balasubramanian



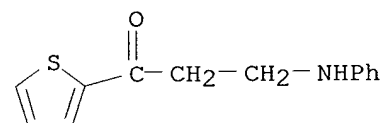
RN 15147-15-6 CAPLUS
CN 1-Propanone, 1-(2-furanyl)-3-[(4-nitrophenyl)amino]- (9CI) (CA INDEX NAME)



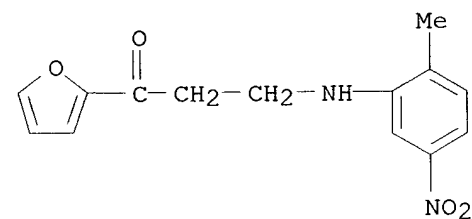
RN 15263-10-2 CAPLUS
CN 1-Propanone, 1-(2-furanyl)-3-[(4-methoxyphenyl)amino]- (9CI) (CA INDEX NAME)



RN 21280-44-4 CAPLUS
CN 1-Propanone, 3-(phenylamino)-1-(2-thienyl)- (9CI) (CA INDEX NAME)



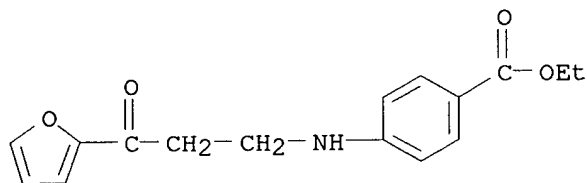
RN 93523-00-3 CAPLUS
CN 1-Propanone, 1-(2-furanyl)-3-[(2-methyl-5-nitrophenyl)amino]- (9CI) (CA INDEX NAME)



V. Balasubramanian

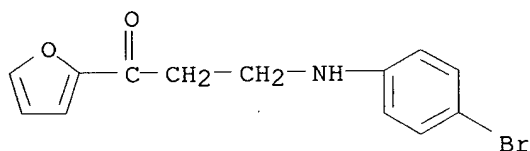
RN 93523-01-4 CAPLUS

CN Benzoic acid, 4-[[3-(2-furanyl)-3-oxopropyl]amino]-, ethyl ester (9CI)
(CA INDEX NAME)



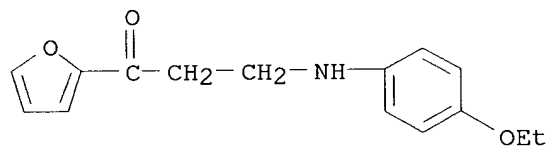
RN 93523-02-5 CAPLUS

CN 1-Propanone, 3-[(4-bromophenyl)amino]-1-(2-furanyl)- (9CI) (CA INDEX NAME)



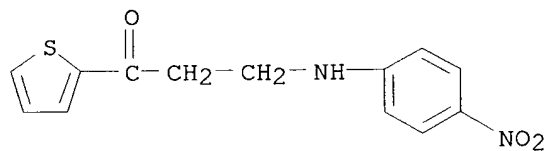
RN 93523-03-6 CAPLUS

CN 1-Propanone, 3-[(4-ethoxyphenyl)amino]-1-(2-furanyl)- (9CI) (CA INDEX NAME)



RN 93523-10-5 CAPLUS

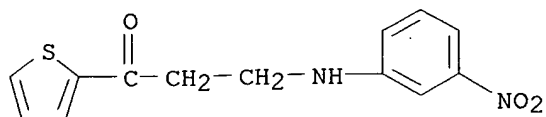
CN 1-Propanone, 3-[(4-nitrophenyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



RN 93523-11-6 CAPLUS

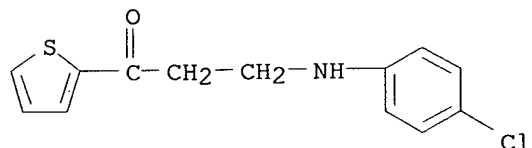
CN 1-Propanone, 3-[(3-nitrophenyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)

V. Balasubramanian



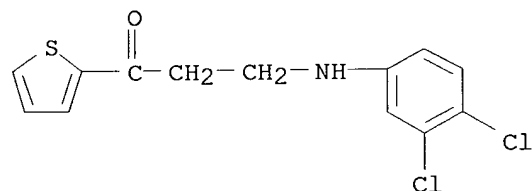
RN 93523-12-7 CAPLUS

CN 1-Propanone, 3-[(4-chlorophenyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



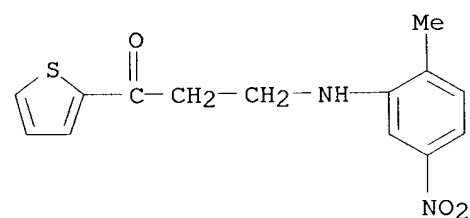
RN 93523-13-8 CAPLUS

CN 1-Propanone, 3-[(3,4-dichlorophenyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



RN 93523-14-9 CAPLUS

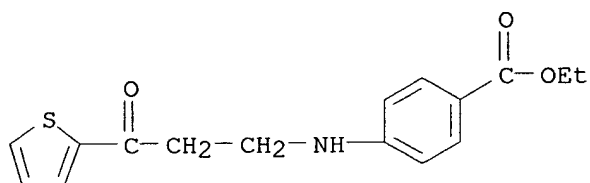
CN 1-Propanone, 3-[(2-methyl-5-nitrophenyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



RN 93523-15-0 CAPLUS

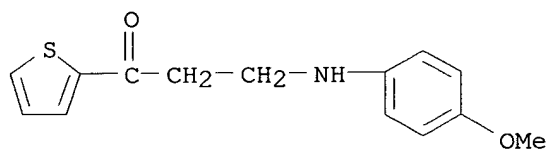
CN Benzoic acid, 4-[[3-oxo-3-(2-thienyl)propyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)

V. Balasubramanian



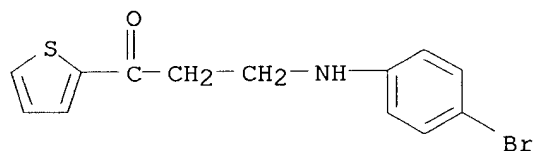
RN 93523-16-1 CAPLUS

CN 1-Propanone, 3-[(4-methoxyphenyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



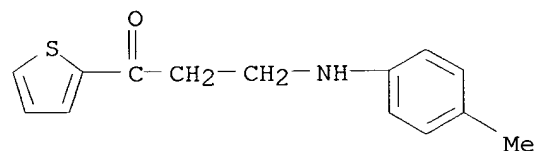
RN 93523-17-2 CAPLUS

CN 1-Propanone, 3-[(4-bromophenyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



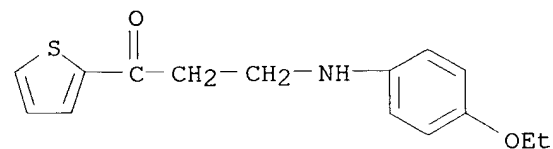
RN 93523-18-3 CAPLUS

CN 1-Propanone, 3-[(4-methylphenyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



RN 93523-19-4 CAPLUS

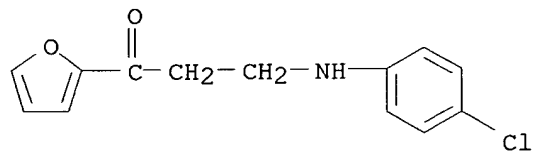
CN 1-Propanone, 3-[(4-ethoxyphenyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



V. Balasubramanian

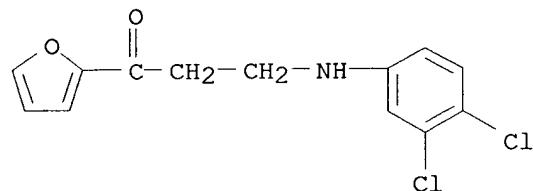
RN 93523-20-7 CAPLUS

CN 1-Propanone, 3-[(4-chlorophenyl)amino]-1-(2-furanyl)- (9CI) (CA INDEX NAME)



RN 93523-21-8 CAPLUS

CN 1-Propanone, 3-[(3,4-dichlorophenyl)amino]-1-(2-furanyl)- (9CI) (CA INDEX NAME)



LS ANSWER 274 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1984:611047 CAPLUS

DN 101:211047

TI Syntheses of 2-mercapto-4-substituted imidazole derivatives with antiinflammatory properties

AU Maeda, Sadao; Suzuki, Mamoru; Iwasaki, Tameo; Matsumoto, Kazuo; Iwasawa, Yoshio

CS Res. Lab. Appl. Biochem., Tanabe Seiyaku Co., Ltd., Osaka, 532, Japan

SO Chemical & Pharmaceutical Bulletin (1984), 32(7), 2536-43

CODEN: CPBTAL; ISSN: 0009-2363

DT Journal

LA English

OS CASREACT 101:211047

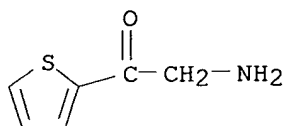
IT **70996-65-5P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and reaction of, with thiocyanate)

RN 70996-65-5 CAPLUS

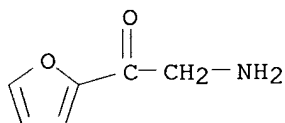
CN Ethanone, 2-amino-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)

V. Balasubramanian



● HCl

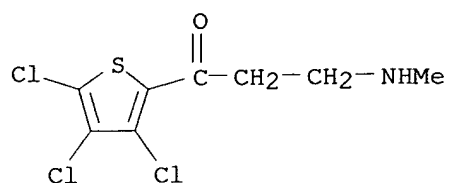
IT **88352-86-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 88352-86-7 CAPLUS
CN Ethanone, 2-amino-1-(2-furanyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

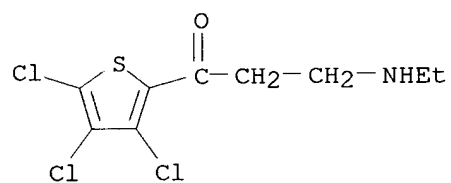
L5 ANSWER 275 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1984:510812 CAPLUS
DN 101:110812
TI Studies on the chlorination of organic compounds and transformations of
chlorinated derivatives. XIX. Aminomethylation of 2-acyl-3,4,5-
trichlorothiophenes and the study of some reactions of Mannich bases
AU Saakyan, A. M.; Safaryan, A. A.; Akopyan, A. N.
CS USSR
SO Armyanskii Khimicheskii Zhurnal (1984), 37(4), 261-5
CODEN: AYKZAN; ISSN: 0515-9628
DT Journal
LA Russian
OS CASREACT 101:110812
IT **91707-96-9P 91707-97-0P 91707-98-1P**
91708-00-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 91707-96-9 CAPLUS
CN 1-Propanone, 3-(methyamino)-1-(3,4,5-trichloro-2-thienyl)-, hydrochloride
(9CI) (CA INDEX NAME)

V. Balasubramanian



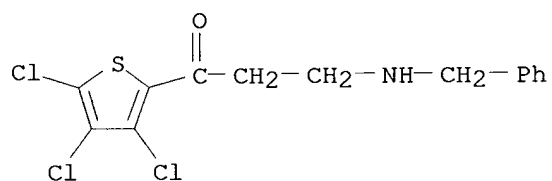
● HCl

RN 91707-97-0 CAPLUS
CN 1-Propanone, 3-(ethylamino)-1-(3,4,5-trichloro-2-thienyl)-, hydrochloride
(9CI) (CA INDEX NAME)



● HCl

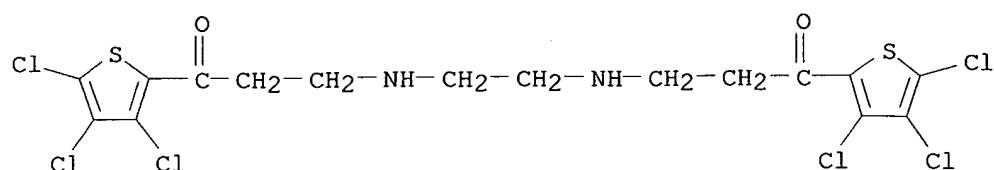
RN 91707-98-1 CAPLUS
CN 1-Propanone, 3-[(phenylmethyl)amino]-1-(3,4,5-trichloro-2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 91708-00-8 CAPLUS
CN 1-Propanone, 3,3'-(1,2-ethanediyldiimino)bis[1-(3,4,5-trichloro-2-thienyl)-, dihydrochloride (9CI) (CA INDEX NAME)

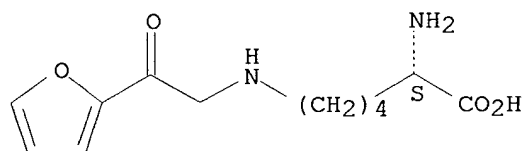
V. Balasubramanian



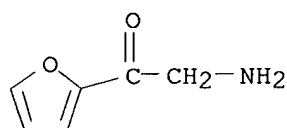
● 2 HCl

L5 ANSWER 276 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1984:453456 CAPLUS
DN 101:53456
TI Determination of furosine as an indicator of early Maillard products in heated milk
AU Erbersdobler, H. F.; Reuter, H.; Trautwein, E.
CS Univ. Kiel, Kiel, D-2300, Fed. Rep. Ger.
SO Special Publication - Royal Society of Chemistry (1984), (49), 328
CODEN: SROCDO; ISSN: 0260-6291
DT Journal
LA English
IT **19746-33-9**
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, in milk, column chromatog.)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 277 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1984:438387 CAPLUS
DN 101:38387
TI Synthesis and stability of 2-oxo isothiocyanates
AU Bobosik, Vladimir; Piklerova, Anna; Martvon, Augustin
CS Dep. Org. Chem., Slovak Inst. Technol., Bratislava, 812 37, Czech.
SO Collection of Czechoslovak Chemical Communications (1983), 48(12), 3421-5
CODEN: CCCCAK; ISSN: 0366-547X
DT Journal
LA English
OS CASREACT 101:38387
IT **88352-86-7**
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with thiophosgene)
RN 88352-86-7 CAPLUS
CN Ethanone, 2-amino-1-(2-furanyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

L5 ANSWER 278 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1984:120778 CAPLUS
 DN 100:120778
 TI Antibacterial 1-normon-2-yl-heterocyclic compounds
 IN Rogers, Norman Harold; O'Hanlon, Peter John; Walker, Graham; Crimmin, Michael John
 PA Beecham Group PLC, UK
 SO Eur. Pat. Appl., 133 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 87953	A2	19830907	EP 1983-301022	19830225
	EP 87953	A3	19840530		
	EP 87953	B1	19880427		
	R: BE, CH, DE, FR, GB, IT, LI, NL, SE				
	DK 8300954	A	19830828	DK 1983-954	19830225
	DK 163305	B	19920217		
	DK 163305	C	19920803		
	AU 8311853	A1	19830901	AU 1983-11853	19830225
	AU 563067	B2	19870625		
	ZA 8301303	A	19831130	ZA 1983-1303	19830225
	ES 520132	A1	19840401	ES 1983-520132	19830225
	CA 1195983	A1	19851029	CA 1983-422461	19830225
	US 4812470	A	19890314	US 1983-469819	19830225
	JP 58159491	A2	19830921	JP 1983-31707	19830226
	JP 06004627	B4	19940119		
	ES 526295	A1	19870401	ES 1983-526295	19831006
	US 5041567	A	19910820	US 1988-276910	19881128
PRAI	GB 1982-5842		19820227		
	GB 1982-30800		19821028		
	US 1983-469819		19830225		

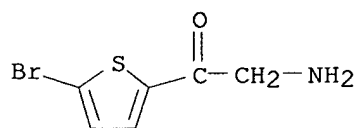
IT **89102-67-0P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (prepn. and amidation of monic acid by)

RN 89102-67-0 CAPLUS

CN Ethanone, 2-amino-1-(5-bromo-2-thienyl)-, hydrochloride (9CI) (CA INDEX
 NAME)

V. Balasubramanian



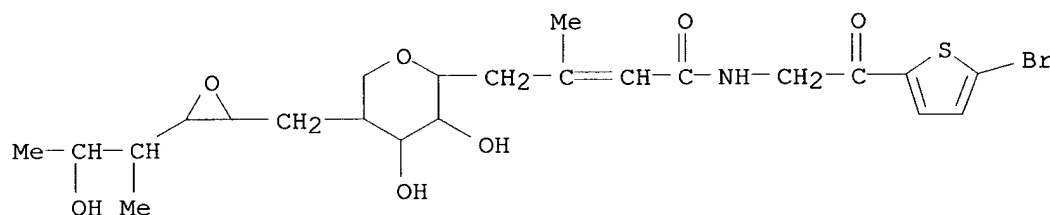
● HCl

IT 89102-68-1P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(prepn. and bactericidal activity of)

RN 89102-68-1 CAPLUS

CN L-talo-Non-2-enonamide, 5,9-anhydro-N-[2-(5-bromo-2-thienyl)-2-oxoethyl]-2,3,4,8-tetradexoxy-8-[[3-(2-hydroxy-1-methylpropyl)oxiranyl]methyl]-3-methyl-, [2E,8[2S,3S(1S,2S)]]- (9CI) (CA INDEX NAME)



L5 ANSWER 279 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1984:34528 CAPLUS

DN 100:34528

TI Furyloxazolylacetic acid derivatives, and pharmaceutical compositions containing them

IN Matsumoto, Kazuo; Takashima, Kohki

PA Tanabe Seiyaku Co., Ltd., Japan

SO Eur. Pat. Appl., 50 pp.

CODEN: EPXXDW

DT Patent

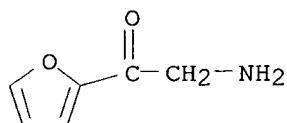
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 87782	A1	19830907	EP 1983-101872	19830225
	EP 87782	B1	19860521		
	R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
	JP 58148882	A2	19830905	JP 1982-30921	19820226
	JP 63005027	B4	19880201		
	US 4642313	A	19870210	US 1983-465544	19830210
	CA 1194483	A1	19851001	CA 1983-422117	19830222
	DK 8300825	A	19830827	DK 1983-825	19830223
	ES 520136	A1	19840401	ES 1983-520136	19830225
	HU 31152	O	19840428	HU 1983-658	19830225

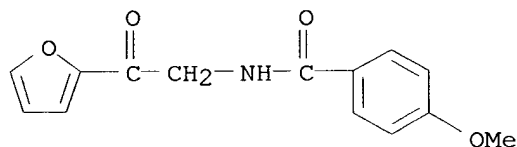
V. Balasubramanian

HU 193648 B 19871130
SU 1169536 A3 19850723 SU 1983-3555401 19830225
AT 19879 E 19860615 AT 1983-101872 19830225
PRAI JP 1982-30921 19820226
EP 1983-101872 19830225
OS CASREACT 100:34528
IT **88352-86-7**
RL: RCT (Reactant); RACT (Reactant or reagent)
(acylation of)
RN 88352-86-7 CAPLUS
CN Ethanone, 2-amino-1-(2-furanyl)-, hydrochloride (9CI) (CA INDEX NAME)

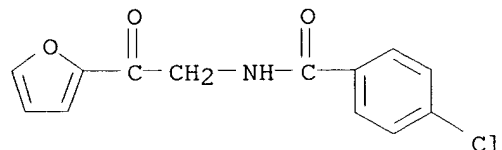


● HCl

IT **88352-95-8P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and hydrolysis of)
RN 88352-95-8 CAPLUS
CN Benzamide, N-[2-(2-furanyl)-2-oxoethyl]-4-methoxy- (9CI) (CA INDEX NAME)



IT **88352-87-8P 88352-92-5P 88352-93-6P**
88352-94-7P 88352-96-9P 88352-97-0P
88352-98-1P 88352-99-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and reaction of, with bromoacetate)
RN 88352-87-8 CAPLUS
CN Benzamide, 4-chloro-N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

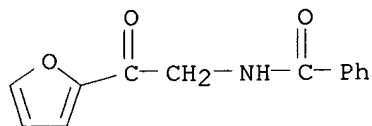


RN 88352-92-5 CAPLUS

09/817,374

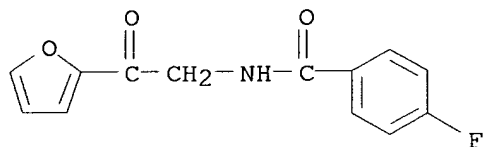
V. Balasubramanian

CN Benzamide, N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)



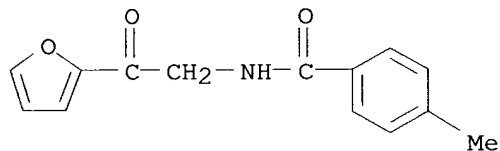
RN 88352-93-6 CAPLUS

CN Benzamide, 4-fluoro-N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)



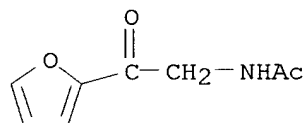
RN 88352-94-7 CAPLUS

CN Benzamide, N-[2-(2-furanyl)-2-oxoethyl]-4-methyl- (9CI) (CA INDEX NAME)



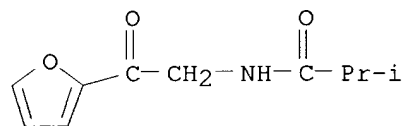
RN 88352-96-9 CAPLUS

CN Acetamide, N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)



RN 88352-97-0 CAPLUS

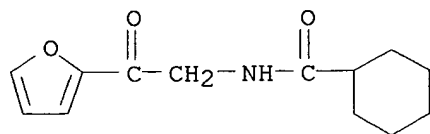
CN Propanamide, N-[2-(2-furanyl)-2-oxoethyl]-2-methyl- (9CI) (CA INDEX NAME)



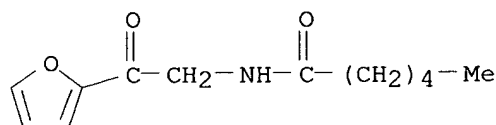
RN 88352-98-1 CAPLUS

CN Cyclohexanecarboxamide, N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

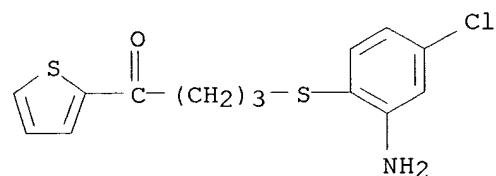
V. Balasubramanian



RN 88352-99-2 CAPLUS
CN Hexanamide, N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 280 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1984:34522 CAPLUS
DN 100:34522
TI Synthesis and some reactions of 5-aryl-3,4-dihydro-2H-1,6-benzoxazocine
and 5-aryl-3,4-dihydro-2H-1,6-benzothiazocines
AU Press, Jeffery B.; Eudy, Nancy H.
CS Lederle Lab., Am. Cyanamid Co., Pearl River, NY, 10965, USA
SO Journal of Organic Chemistry (1984), 49(1), 116-22
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English
OS CASREACT 100:34522
IT **87696-88-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 87696-88-6 CAPLUS
CN 1-Butanone, 4-[(2-amino-4-chlorophenyl)thio]-1-(2-thienyl)- (9CI) (CA
INDEX NAME)

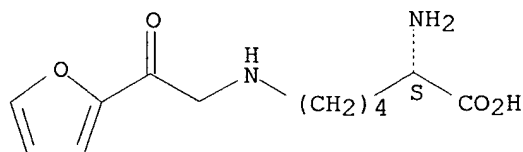


L5 ANSWER 281 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1983:593258 CAPLUS
DN 99:193258
TI A simple and rapid high-performance liquid chromatographic procedure for
determination of furosine, a lysine-reducing sugar derivative
AU Chiang, Grace H.
CS Carnation Res. Lab., Van Nuys, CA, 91412, USA
SO Journal of Agricultural and Food Chemistry (1983), 31(6), 1373-4

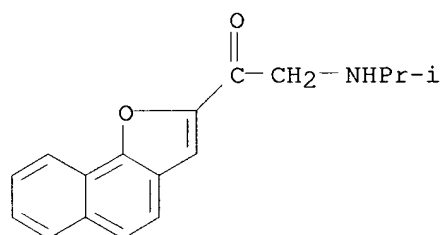
V. Balasubramanian

CODEN: JAFCAU; ISSN: 0021-8561
DT Journal
LA English
IT **19746-33-9**
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, in food, by high-performance liq. chromatog., Maillard
reaction in relation to)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 282 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1983:533279 CAPLUS
DN 99:133279
TI Naphthofuran derivatives with possible .beta.-adrenolytic effects
AU Garuti, L.; Ferranti, A.; Giovanninetti, G.; Gaggi, R.
CS Ist. Chim. Farm. Tossicol., Univ. Bologna, Italy
SO Farmaco, Edizione Scientifica (1983), 38(7), 527-32
CODEN: FRPSAX; ISSN: 0430-0920
DT Journal
LA Italian
IT **87004-82-8P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and redn. of)
RN 87004-82-8 CAPLUS
CN Ethanone, 2-[(1-methylethyl)amino]-1-naphtho[1,2-b]furan-2-yl- (9CI) (CA
INDEX NAME)



L5 ANSWER 283 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1983:143428 CAPLUS
DN 98:143428
TI Tetrazole antiulcer agents
PA Otsuka Pharmaceutical Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 67 pp.
CODEN: JKXXAF
DT Patent

V. Balasubramanian

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 57158767	A2	19820930	JP 1981-44819	19810326
	JP 02033017	B4	19900725		
PRAI	JP 1981-44819		19810326		

OS CASREACT 98:143428

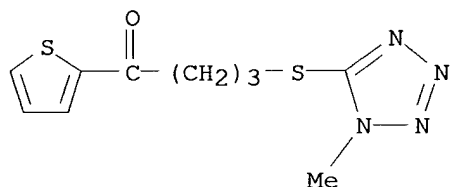
IT **80087-46-3P 80087-47-4P 80087-48-5P**

80087-49-6P 80087-58-7P 80087-61-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of, as antiulcer agent)

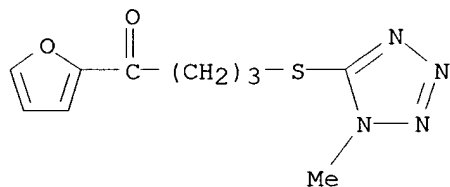
RN 80087-46-3 CAPLUS

CN 1-Butanone, 4-[(1-methyl-1H-tetrazol-5-yl)thio]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



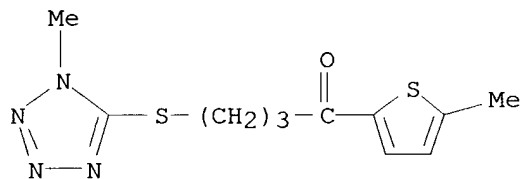
RN 80087-47-4 CAPLUS

CN 1-Butanone, 1-(2-furanyl)-4-[(1-methyl-1H-tetrazol-5-yl)thio]- (9CI) (CA INDEX NAME)



RN 80087-48-5 CAPLUS

CN 1-Butanone, 4-[(1-methyl-1H-tetrazol-5-yl)thio]-1-(5-methyl-2-thienyl)- (9CI) (CA INDEX NAME)

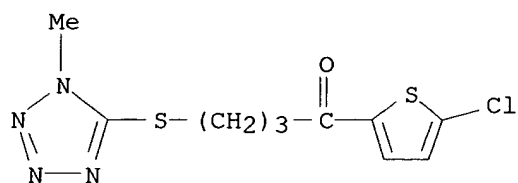


RN 80087-49-6 CAPLUS

CN 1-Butanone, 1-(5-chloro-2-thienyl)-4-[(1-methyl-1H-tetrazol-5-yl)thio]- (9CI) (CA INDEX NAME)

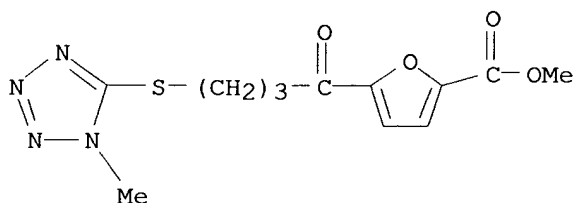
09/817,374

V. Balasubramanian



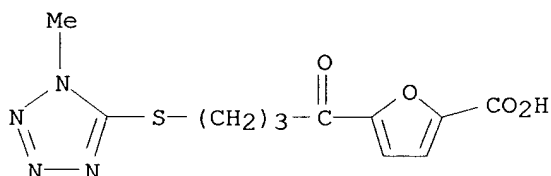
RN 80087-58-7 CAPLUS

CN 2-Furancarboxylic acid, 5-[4-[(1-methyl-1H-tetrazol-5-yl)thio]-1-oxobutyl]-, methyl ester (9CI) (CA INDEX NAME)



RN 80087-61-2 CAPLUS

CN 2-Furancarboxylic acid, 5-[4-[(1-methyl-1H-tetrazol-5-yl)thio]-1-oxobutyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 284 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1983:143400 CAPLUS

DN 98:143400

TI Thienyloxazolylacetic acid derivatives

IN Matsumoto, Kazuo; Takashima, Kohki

PA Tanabe Seiyaku Co., Ltd. , Japan

SO Eur. Pat. Appl., 42 pp.

CODEN: EPXXDW

DT Patent

LA English

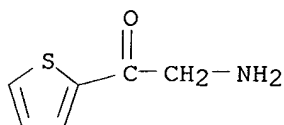
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 65145	A1	19821124	EP 1982-103636	19820428
	EP 65145	B1	19841003		
	R: CH, DE, FR, GB				
PRAI	JP 1981-73771		19810515		
IT	70996-65-5P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				

09/817,374

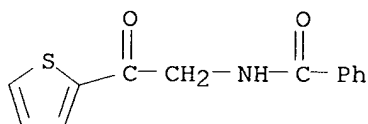
V. Balasubramanian

(prepn. and benzylation of)
RN 70996-65-5 CAPLUS
CN Ethanone, 2-amino-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)

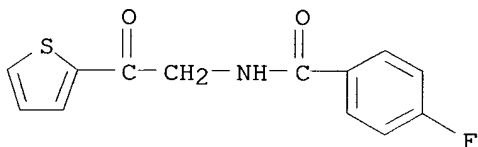


● HCl

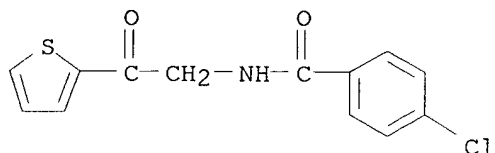
IT **85210-61-3P 85210-64-6P 85210-65-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and condensation with bromoacetate)
RN 85210-61-3 CAPLUS
CN Benzamide, N-[2-oxo-2-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)



RN 85210-64-6 CAPLUS
CN Benzamide, 4-fluoro-N-[2-oxo-2-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)



RN 85210-65-7 CAPLUS
CN Benzamide, 4-chloro-N-[2-oxo-2-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 285 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1982:615890 CAPLUS
DN 97:215890
TI Derivatives of 7-.beta.-(ketoximinoacylamido)ceph-3-em-4-carboxylic acids

09/817,374

V. Balasubramanian

and their pharmaceutical compositions
IN Bellani, Piero; Bolis, Goffredo; Broccali, Giampietro; Giani, Roberto;
Pinza, Mario
PA I.S.F. S.p.A., Italy
SO Eur. Pat. Appl., 41 pp.
CODEN: EPXXDW
DT Patent
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 54970	A2	19820630	EP 1981-110739	19811223
	EP 54970	A3	19830323		
	EP 54970	B1	19850717		
	R: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
	US 4465831	A	19840814	US 1981-332326	19811218
	ES 508257	A1	19830201	ES 1981-508257	19811222
	JP 57130987	A2	19820813	JP 1981-207291	19811223
	AT 14314	E	19850815	AT 1981-110739	19811223
	CA 1174233	A1	19840911	CA 1981-393212	19811224
PRAI	IT 1980-26945		19801224		
	EP 1981-110739		19811223		

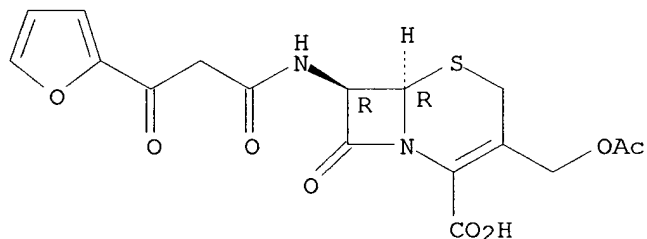
IT 80045-79-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and oximation of)

RN 80045-79-0 CAPLUS

CN 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid,
3-[(acetyloxy)methyl]-7-[[3-(2-furanyl)-1,3-dioxopropyl]amino]-8-oxo-,
(6R-trans)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 286 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1982:527487 CAPLUS

DN 97:127487

TI Thiophene derivatives

PA Otsuka Pharmaceutical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 16 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 57064691	A2	19820419	JP 1980-139120	19801003

09/817,374

V. Balasubramanian

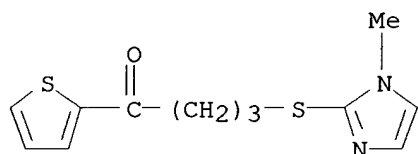
JP 02012228 B4 19900319
PRAI JP 1980-139120 19801003
OS CASREACT 97:127487

IT 82929-29-1P 82929-30-4P 82929-31-5P
82929-32-6P 82929-33-7P 82929-34-8P
82929-35-9P 82929-36-0P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(prepn. and antiulcer activity of)

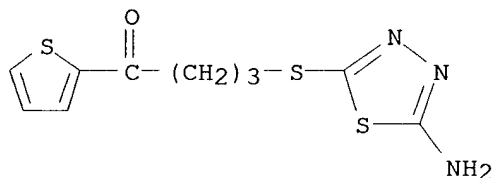
RN 82929-29-1 CAPLUS

CN 1-Butanone, 4-[(1-methyl-1H-imidazol-2-yl)thio]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



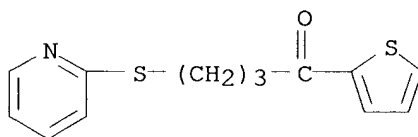
RN 82929-30-4 CAPLUS

CN 1-Butanone, 4-[(5-amino-1,3,4-thiadiazol-2-yl)thio]-1-(2-thienyl)- (9CI)
(CA INDEX NAME)



RN 82929-31-5 CAPLUS

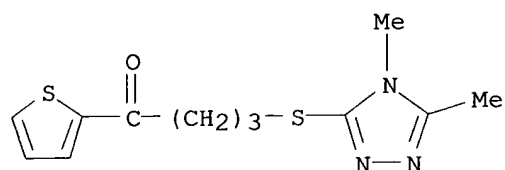
CN 1-Butanone, 4-(2-pyridinylthio)-1-(2-thienyl)- (9CI) (CA INDEX NAME)



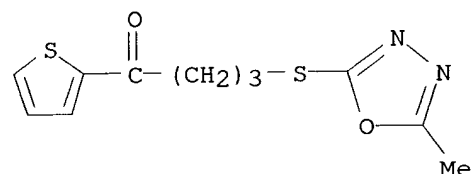
RN 82929-32-6 CAPLUS

CN 1-Butanone, 4-[(4,5-dimethyl-4H-1,2,4-triazol-3-yl)thio]-1-(2-thienyl)-
(9CI) (CA INDEX NAME)

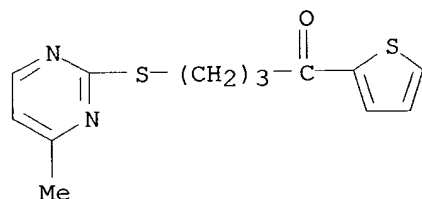
V. Balasubramanian



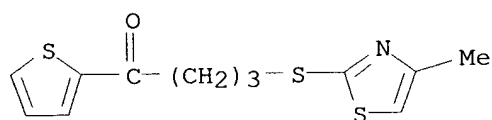
RN 82929-33-7 CAPLUS
CN 1-Butanone, 4-[(5-methyl-1,3,4-oxadiazol-2-yl)thio]-1-(2-thienyl)- (9CI)
(CA INDEX NAME)



RN 82929-34-8 CAPLUS
CN 1-Butanone, 4-[(4-methyl-2-pyrimidinyl)thio]-1-(2-thienyl)- (9CI) (CA
INDEX NAME)

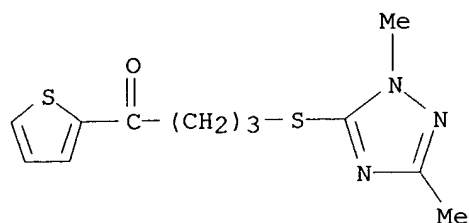


RN 82929-35-9 CAPLUS
CN 1-Butanone, 4-[(4-methyl-2-thiazolyl)thio]-1-(2-thienyl)- (9CI) (CA INDEX
NAME)



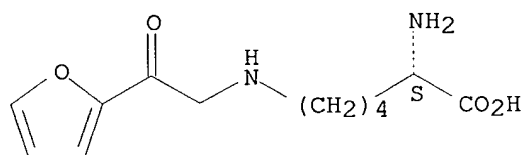
RN 82929-36-0 CAPLUS
CN 1-Butanone, 4-[(1,3-dimethyl-1H-1,2,4-triazol-5-yl)thio]-1-(2-thienyl)-
(9CI) (CA INDEX NAME)

V. Balasubramanian



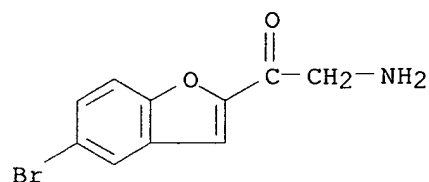
L5 ANSWER 287 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1982:508597 CAPLUS
DN 97:108597
TI Studies on alterations of the lysine of food proteins. I. Degree of lysine destruction
AU Steinig, Jutta; Montag, Alfred
CS Univ. Hamburg, Hamburg, D-2000/13, Fed. Rep. Ger.
SO Zeitschrift fuer Lebensmittel-Untersuchung und -Forschung (1982), 174(6), 453-7
CODEN: ZLUFAR; ISSN: 0044-3026
DT Journal
LA German
IT **19746-33-9**
RL: BIOL (Biological study)
(in lysine bioavailability detn. in food)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 288 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1982:423558 CAPLUS
DN 97:23558
TI 5-Bromobenzofuran analog of chloramphenicol (1)
AU Bevinakatti, Hanamanthsa S.; Badiger, Virupax V.
CS Dep. Chem., Karnatak Univ., Dharwad, 580003, India
SO Journal of Heterocyclic Chemistry (1982), 19(1), 69-72
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English
IT **82255-77-4P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and dichloroacetylation of)
RN 82255-77-4 CAPLUS
CN Ethanone, 2-amino-1-(5-bromo-2-benzofuranyl)-, hydrochloride (9CI) (CA INDEX NAME)

V. Balasubramanian



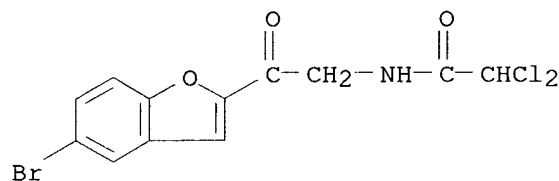
● HCl

IT 82255-79-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and reaction of, with formaldehyde)

RN 82255-79-6 CAPLUS

CN Acetamide, N-[2-(5-bromo-2-benzofuranyl)-2-oxoethyl]-2,2-dichloro- (9CI)
(CA INDEX NAME)

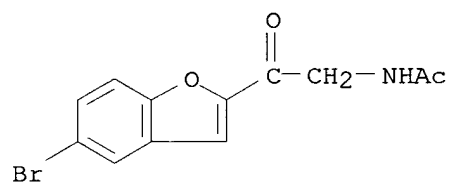


IT 82255-78-5P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 82255-78-5 CAPLUS

CN Acetamide, N-[2-(5-bromo-2-benzofuranyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 289 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1982:34633 CAPLUS

DN 96:34633

TI An economical and convenient preparation of 2-(phenylthio)cyclobutanone, a synthetic equivalent of cyclobutanone

AU Cohen, Theodore; Ouellette, Daniel; Pushpananda, K.; Senaratne, A.; Yu, Lin-Chen

CS Dep. Chem., Univ. Pittsburgh, Pittsburgh, PA, 15260, USA

SO Tetrahedron Letters (1981), 22(35), 3377-80

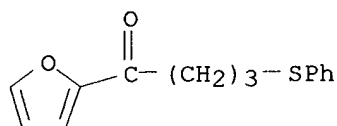
CODEN: TELEAY; ISSN: 0040-4039

DT Journal

09/817,374

V. Balasubramanian

LA English
IT **80404-79-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, by rearrangement of furyl(phenylthio)cyclobutenol)
RN 80404-79-1 CAPLUS
CN 1-Butanone, 1-(2-furanyl)-4-(phenylthio)- (9CI) (CA INDEX NAME)

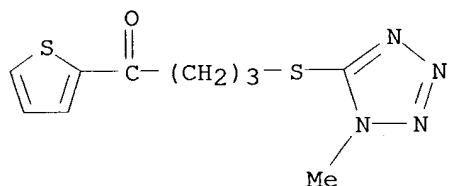


L5 ANSWER 290 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1982:6738 CAPLUS
DN 96:6738
TI Tetrazole derivatives and antiulcer composition containing them
IN Uchida, Minoru; Nishi, Takao; Nakagawa, Kazuyuku
PA Otsuka Pharmaceutical Co., Ltd. , Japan
SO Eur. Pat. Appl., 262 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 35228	A1	19810909	EP 1981-101352	19810225
	EP 35228	B1	19850102		
	R: AT, BE, CH, DE, FR, GB, IT, NL, SE				
	AU 533411	B2	19831124	AU 1980-55895	19800226
	AU 8055895	A1	19810903		
	JP 56122363	A2	19810925	JP 1980-25521	19800229
	JP 01023464	B4	19890502		
	CA 1160637	A1	19840117	CA 1980-346746	19800229
	JP 56122364	A2	19810925	JP 1980-25707	19800301
	JP 01022270	B4	19890425		
	JP 56122365	A2	19810925	JP 1980-25708	19800301
	JP 01028022	B4	19890531		
	JP 56122366	A2	19810925	JP 1980-27084	19800303
	JP 01022271	B4	19890425		
	JP 57050968	A2	19820325	JP 1980-128160	19800916
	JP 02048551	B4	19901025		
	JP 57059877	A2	19820410	JP 1980-136902	19800930
	JP 02003786	B4	19900124		
	JP 57064682	A2	19820419	JP 1980-140051	19801006
	JP 01056069	B4	19891128		
	ZA 8100961	A	19820331	ZA 1981-961	19810213
	ZA 8101178	A	19820331	ZA 1981-1178	19810223
	FI 8100571	A	19810830	FI 1981-571	19810224
	FI 73423	B	19870630		
	FI 73423	C	19871009		
	AU 8167638	A1	19810903	AU 1981-67638	19810225
	AU 537266	B2	19840614		
	AT 11047	E	19850115	AT 1981-101352	19810225
	DK 8100880	A	19810830	DK 1981-880	19810226

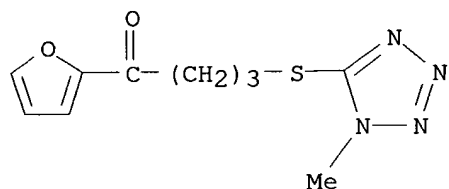
V. Balasubramanian

DK 162524	B	19911111		
DK 162524	C	19920330		
NO 8100675	A	19810831	NO 1981-675	19810227
NO 166320	B	19910325		
NO 166320	C	19910703		
ES 499930	A1	19821116	ES 1981-499930	19810227
US 4372953	A	19830208	US 1981-239044	19810227
CA 1162196	A1	19840214	CA 1981-372021	19810227
SU 1212324	A3	19860215	SU 1981-3252652	19810227
ES 510404	A1	19830201	ES 1982-510404	19820312
ES 510403	A1	19830616	ES 1982-510403	19820312
ES 510405	A1	19830616	ES 1982-510405	19820312
ES 511822	A1	19830201	ES 1982-511822	19820429
ES 520699	A1	19840416	ES 1983-520699	19830316
ES 520900	A1	19840516	ES 1983-520900	19830323
ES 520898	A1	19840601	ES 1983-520898	19830323
ES 520899	A1	19840601	ES 1983-520899	19830323
PRAI JP 1980-25521		19800229		
JP 1980-25707		19800301		
JP 1980-25708		19800301		
JP 1980-27084		19800303		
JP 1980-128160		19800916		
JP 1980-136902		19800930		
JP 1980-140051		19801006		
US 1980-124710		19800226		
EP 1981-101352		19810225		
CA 1983-372021		19830221		
IT	80087-46-3P 80087-47-4P 80087-48-5P			
	80087-49-6P			
	RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)			
	(prepn. and antiulcer activity of)			
RN	80087-46-3 CAPLUS			
CN	1-Butanone, 4-[(1-methyl-1H-tetrazol-5-yl)thio]-1-(2-thienyl)- (9CI) (CA INDEX NAME)			



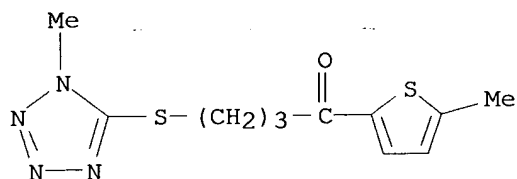
RN 80087-47-4 CAPLUS
 CN 1-Butanone, 1-(2-furanyl)-4-[(1-methyl-1H-tetrazol-5-yl)thio]- (9CI) (CA INDEX NAME)

V. Balasubramanian



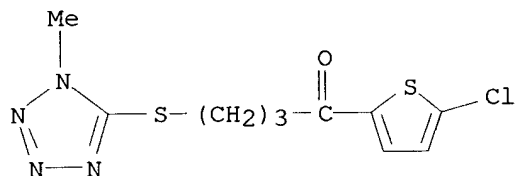
RN 80087-48-5 CAPLUS

CN 1-Butanone, 4-[(1-methyl-1H-tetrazol-5-yl)thio]-1-(5-methyl-2-thienyl)-
(9CI) (CA INDEX NAME)



RN 80087-49-6 CAPLUS

CN 1-Butanone, 1-(5-chloro-2-thienyl)-4-[(1-methyl-1H-tetrazol-5-yl)thio]-
(9CI) (CA INDEX NAME)

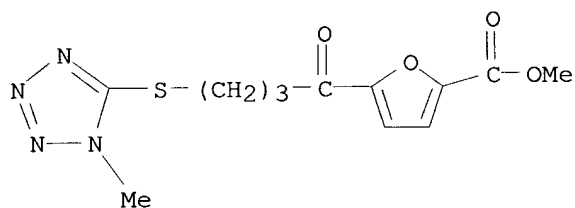


IT **80087-58-7P 80087-61-2P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 80087-58-7 CAPLUS

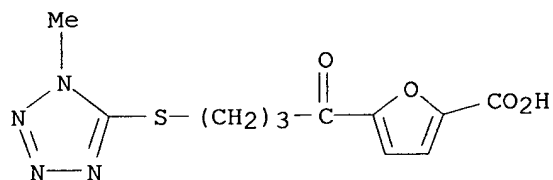
CN 2-Furancarboxylic acid, 5-[4-[(1-methyl-1H-tetrazol-5-yl)thio]-1-oxobutyl]-
, methyl ester (9CI) (CA INDEX NAME)



RN 80087-61-2 CAPLUS

CN 2-Furancarboxylic acid, 5-[4-[(1-methyl-1H-tetrazol-5-yl)thio]-1-oxobutyl]-
(9CI) (CA INDEX NAME)

V. Balasubramanian



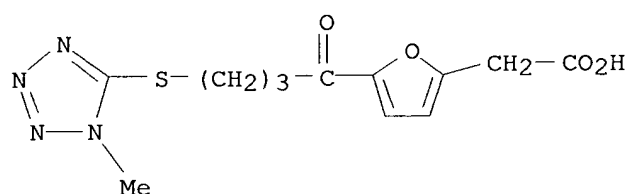
IT 80086-03-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn., hydrazinolysis, and antiulcer activity of)

RN 80086-03-9 CAPLUS

CN 2-Furanacetic acid, 5-[4-[(1-methyl-1H-tetrazol-5-yl)thio]-1-oxobutyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 291 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1982:299 CAPLUS

DN 96:299

TI Cefsulodin (SCF-129), cefotiam (SCE-963), and cefmenoxime (SCE-1365)

AU Tsuchiya, Kanji

CS Cent. Res. Div., Takeda Chem. Ind., Ltd., Osaka, 532, Japan

SO Beta-Lactam Antibiot. (1981), 107-19. Editor(s): Mitsuhashi, Susumu.

Publisher: Japan Sci. Soc. Press, Tokyo, Japan.

CODEN: 46NXAQ

DT Conference

LA English

IT 80045-79-0 80045-80-3 80045-82-5

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

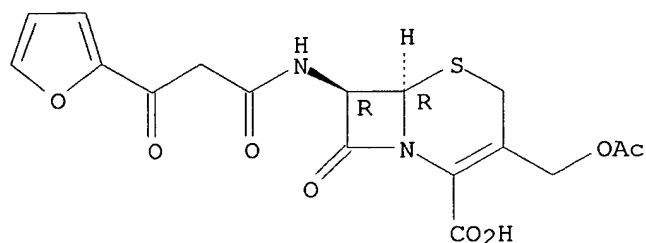
(antibacterial activity of, structure in relation to)

RN 80045-79-0 CAPLUS

CN 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 3-[(acetyloxy)methyl]-7-[[3-(2-furanyl)-1,3-dioxopropyl]amino]-8-oxo-, (6R-trans)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

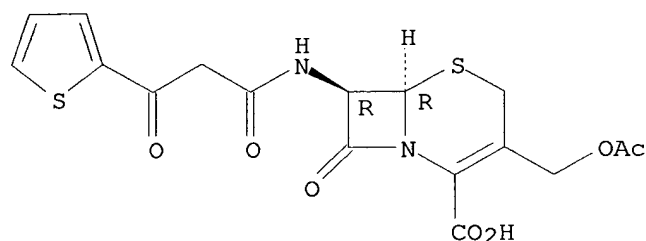
V. Balasubramanian



RN 80045-80-3 CAPLUS

CN 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid,
3-[(acetyloxy)methyl]-7-[[1,3-dioxo-3-(2-thienyl)propyl]amino]-8-oxo-,
(6R-trans)- (9CI) (CA INDEX NAME)

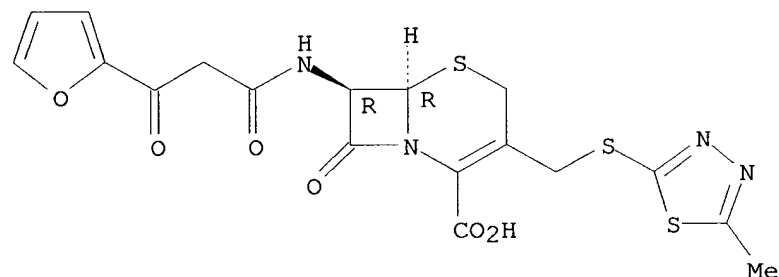
Absolute stereochemistry.



RN 80045-82-5 CAPLUS

CN 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid,
7-[[3-(2-furanyl)-1,3-dioxopropyl]amino]-3-[[5-methyl-1,3,4-thiadiazol-2-yl]thio]methyl]-8-oxo-, (6R-trans)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 292 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1981:603650 CAPLUS

DN 95:203650

TI A note on the antibacterial action of some 2-anilinoacetyl-5-nitrofurans

AU Holla, B. Shivarama; Ambekar, Sarvottam Y.; Pujar, B. G.

CS Dep. Chem., Univ. Mysore, Mysore, 570 006, India

SO Journal of the Indian Chemical Society (1981), 58(8), 820-2

CODEN: JICSAH; ISSN: 0019-4522

V. Balasubramanian

DT Journal

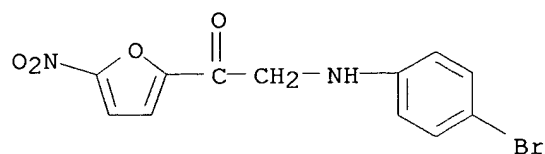
LA English

IT 79698-88-7P 79698-89-8P 79698-90-1P
79698-91-2P 79698-92-3P 79700-21-3P
79700-22-4P 79700-23-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(prepn. and bactericidal activity of)

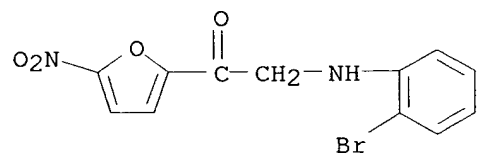
RN 79698-88-7 CAPLUS

CN Ethanone, 2-[(4-bromophenyl)amino]-1-(5-nitro-2-furanyl)- (9CI) (CA INDEX NAME)



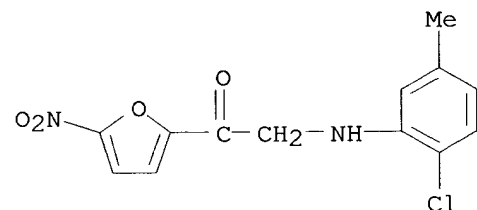
RN 79698-89-8 CAPLUS

CN Ethanone, 2-[(2-bromophenyl)amino]-1-(5-nitro-2-furanyl)- (9CI) (CA INDEX NAME)



RN 79698-90-1 CAPLUS

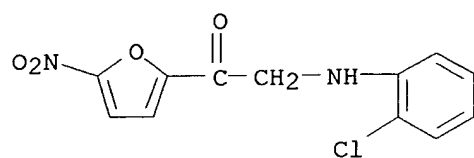
CN Ethanone, 2-[(2-chloro-5-methylphenyl)amino]-1-(5-nitro-2-furanyl)- (9CI)
(CA INDEX NAME)



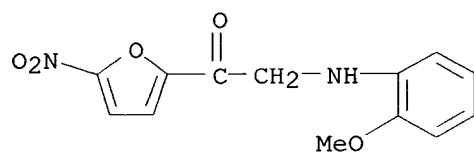
RN 79698-91-2 CAPLUS

CN Ethanone, 2-[(2-chlorophenyl)amino]-1-(5-nitro-2-furanyl)- (9CI) (CA INDEX NAME)

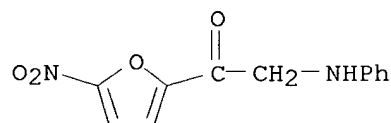
V. Balasubramanian



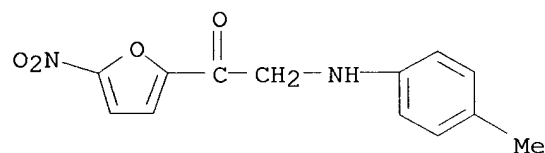
RN 79698-92-3 CAPLUS
CN Ethanone, 2-[(2-methoxyphenyl)amino]-1-(5-nitro-2-furanyl)- (9CI) (CA INDEX NAME)



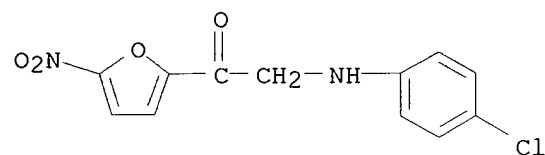
RN 79700-21-3 CAPLUS
CN Ethanone, 1-(5-nitro-2-furanyl)-2-(phenylamino)- (9CI) (CA INDEX NAME)



RN 79700-22-4 CAPLUS
CN Ethanone, 2-[(4-methylphenyl)amino]-1-(5-nitro-2-furanyl)- (9CI) (CA INDEX NAME)



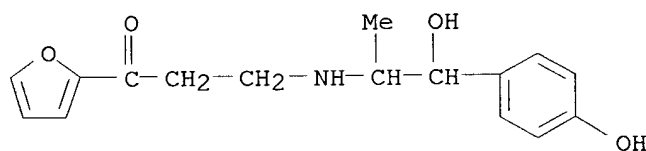
RN 79700-23-5 CAPLUS
CN Ethanone, 2-[(4-chlorophenyl)amino]-1-(5-nitro-2-furanyl)- (9CI) (CA INDEX NAME)



V. Balasubramanian

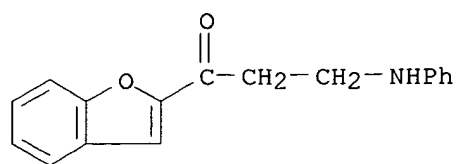
L5 ANSWER 293 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1981:538622 CAPLUS
DN 95:138622
TI Heterocyclyl 2-(2-[(4-hydroxyphenyl)-2-hydroxy-1-methyl]ethylamino)ethyl
ketones as lipogenesis inhibitors
IN Haynes, George R.
PA Shell Oil Co. , USA
SO U.S., 3 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4271185	A	19810602	US 1980-115464	19800125
	US 4301172	A	19811117	US 1980-216101	19801215
PRAI	US 1980-115464		19800125		
IT	35075-66-2				
RL:	BIOL (Biological study) (lipogenesis inhibitor)				
RN	35075-66-2	CAPLUS			
CN	1-Propanone, 1-(2-furanyl)-3-[[2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl]amino]-, hydrochloride (9CI) (CA INDEX NAME)				

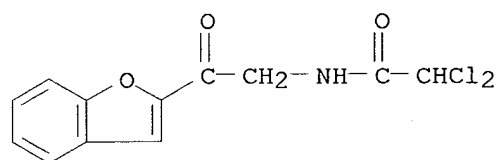


● HCl

L5 ANSWER 294 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1981:406707 CAPLUS
DN 95:6707
TI Synthesis, characterization and screening of antibacterial activity of
some new Mannich bases
AU Agarwal, S. K.; Saxena, R. C.
CS Dep. Chem., L. R. Coll., Sahibabad, India
SO Journal of the Indian Chemical Society (1980), 57(12), 1240-1
CODEN: JICSAH; ISSN: 0019-4522
DT Journal
LA English
IT **77853-30-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 77853-30-6 CAPLUS
CN 1-Propanone, 1-(2-benzofuranyl)-3-(phenylamino)- (9CI) (CA INDEX NAME)



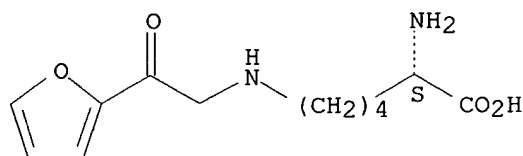
L5 ANSWER 295 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1981:191136 CAPLUS
 DN 94:191136
 TI Mass spectral and antimicrobial studies of the benzofuran analog of chloramphenicol
 AU Bevinakatti, Hanamanthsa S.; Badiger, Virupax V.
 CS Dep. Chem., Karnatak Univ., Dharwad, 580003, India
 SO Archiv der Pharmazie (Weinheim, Germany) (1981), 314(2), 162-7
 CODEN: ARPMAS; ISSN: 0365-6233
 DT Journal
 LA English
 IT **74599-86-3**
 RL: PRP (Properties)
 (mass spectrum and antimicrobial activity of)
 RN 74599-86-3 CAPLUS
 CN Acetamide, N-[2-(2-benzofuranyl)-2-oxoethyl]-2,2-dichloro- (9CI) (CA INDEX NAME)



L5 ANSWER 296 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1981:187943 CAPLUS
 DN 94:187943
 TI Quantitation of lysine-bound glucose of normal and diabetic erythrocyte membranes by HPLC analysis of furosine [epsilon-N(L-furoylmethyl)-L-lysine]
 AU Schleicher, E.; Scheller, L.; Wieland, O. H.
 CS Klin.-Chem. Inst. Forschergruppe Diabetes, Staedtisches Krankenhaus Muenchen-Schwabing, Munich, D-8000, Fed. Rep. Ger.
 SO Biochemical and Biophysical Research Communications (1981), 99(3), 1011-19
 CODEN: BBRCA9; ISSN: 0006-291X
 DT Journal
 LA English
 IT **19746-33-9**
 RL: ANT (Analyte); ANST (Analytical study)
 (detn. of, in erythrocyte membranes in diabetes by high-performance liq. chromatog., lysine-bound glucose detn. in relation to)
 RN 19746-33-9 CAPLUS
 CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

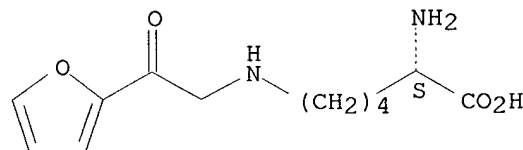
V. Balasubramanian

Absolute stereochemistry.

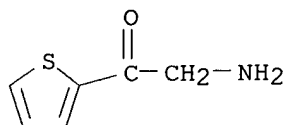


L5 ANSWER 297 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1981:152805 CAPLUS
DN 94:152805
TI Specific quantitation by HPLC of protein (lysine) bound glucose in human serum albumin and other glycosylated proteins
AU Schleicher, E.; Wieland, O. H.
CS Klin.-Chem. Inst., Staedtisches Krankenhaus Muenchen-Schwabing, Munich, Fed. Rep. Ger.
SO Journal of Clinical Chemistry and Clinical Biochemistry (1981), 19(2), 81-7
CODEN: JCCBDT; ISSN: 0340-076X
DT Journal
LA English
IT **19746-33-9**
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, in protein hydrolyzates by high-performance liq. chromatog.)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

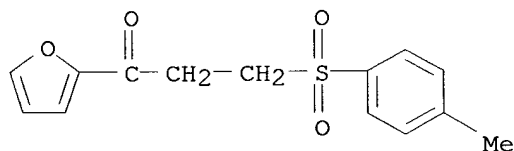


L5 ANSWER 298 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1981:139707 CAPLUS
DN 94:139707
TI 2-(2-Thienyl)morpholines active on the central nervous system
AU Carissimi, M.; Picciola, G.; Ravenna, F.; Carenini, G.; Gentili, P.
CS Lab. Ric., Maggioni Farm. S.p.A., Milan, Italy
SO Farmaco, Edizione Scientifica (1980), 35(10), 812-25
CODEN: FRPSAX; ISSN: 0430-0920
DT Journal
LA Italian
IT **76175-40-1**
RL: RCT (Reactant); RACT (Reactant or reagent)
(hydride redn. of)
RN 76175-40-1 CAPLUS
CN Ethanone, 2-amino-1-(2-thienyl)-, hydrobromide (9CI) (CA INDEX NAME)

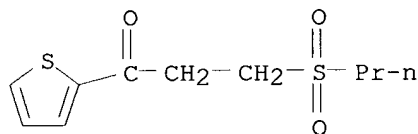


● HBr

L5 ANSWER 299 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1981:14722 CAPLUS
DN 94:14722
TI Reactions of .alpha.,.beta.-unsaturated .gamma.-oxosulfones with
nucleophiles
AU Messinger, Paul; Greve, Harald
CS Inst. Pharm. Chem., Univ. Hamburg, Hamburg, 2000/13, Fed. Rep. Ger.
SO Archiv der Pharmazie (Weinheim, Germany) (1980), 313(8), 688-96
CODEN: ARPMAS; ISSN: 0365-6233
DT Journal
LA German
IT **50366-61-5 75910-26-8**
RL: RCT (Reactant); RACT (Reactant or reagent)
(bromination of)
RN 50366-61-5 CAPLUS
CN 1-Propanone, 1-(2-furanyl)-3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX
NAME)



RN 75910-26-8 CAPLUS
CN 1-Propanone, 3-(propylsulfonyl)-1-(2-thienyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 300 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1980:495071 CAPLUS
DN 93:95071
TI A benzofuran analog of chloramphenicol
AU Bevinakatti, Hanamanthsa S.; Badiger, Virupax V.
CS Dep. Chem., Karnatak Univ., Dharwad, 580003, India

V. Balasubramanian

SO Journal of Heterocyclic Chemistry (1980), 17(3), 613-15

CODEN: JHTCAD; ISSN: 0022-152X

DT Journal

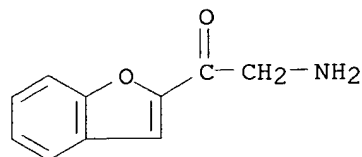
LA English

IT 74599-89-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and hydrolysis of)

RN 74599-89-6 CAPLUS

CN Ethanone, 2-amino-1-(2-benzofuranyl)- (9CI) (CA INDEX NAME)

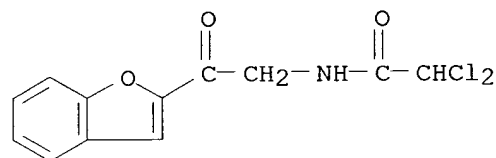


IT 74599-86-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and hydroxymethylation of)

RN 74599-86-3 CAPLUS

CN Acetamide, N-[2-(2-benzofuranyl)-2-oxoethyl]-2,2-dichloro- (9CI) (CA
INDEX NAME)

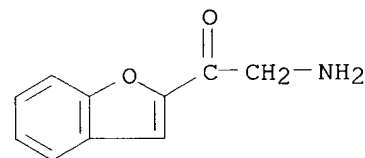


IT 74599-84-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and reaction with trichloroacetyl chloride)

RN 74599-84-1 CAPLUS

CN Ethanone, 2-amino-1-(2-benzofuranyl)-, hydrochloride (9CI) (CA INDEX
NAME)



● HCl

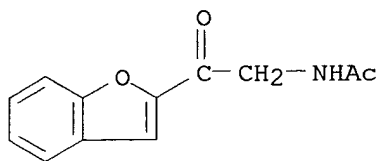
V. Balasubramanian

IT **74599-85-2P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 74599-85-2 CAPLUS

CN Acetamide, N-[2-(2-benzofuranyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 301 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1979:557817 CAPLUS

DN 91:157817

TI Acetylthienyltriphenylphosphonium bromide. Synthesis and study of reactivity

AU Bukachuk, O. M.; Megera, I. V.; Porushnik, M. I.; Shevchuk, M. I.

CS USSR

SO Zhurnal Obshchei Khimii (1979), 49(7), 1552-6

CODEN: ZOKHA4; ISSN: 0044-460X

DT Journal

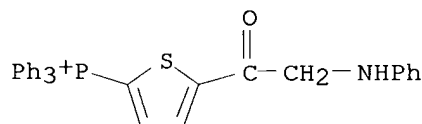
LA Russian

IT **71482-76-3P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 71482-76-3 CAPLUS

CN Phosphonium, triphenyl[5-[(phenylamino)acetyl]-2-thienyl]-, bromide (9CI)
(CA INDEX NAME)



● Br⁻

L5 ANSWER 302 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1979:491632 CAPLUS

DN 91:91632

TI 2-Aminomethyloxazoles

IN Inoue, Sho; Ohata, Katsuya; Tsutsui, Toshiaki; Nomura, Tatsuo

PA Mitsubishi Chemical Industries Co., Ltd., Japan; Nippon Shinyaku Co., Ltd.

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

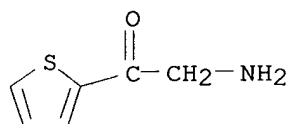
LA Japanese

FAN.CNT 1

09/817,374

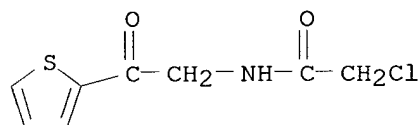
V. Balasubramanian

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 54030170	A2	19790306	JP 1977-96384	19770811
PRAI	JP 1977-96384		19770811		
IT	70996-65-5				
	RL: RCT (Reactant); RACT (Reactant or reagent) (amidation of, with chloroacetyl chloride)				
RN	70996-65-5	CAPLUS			
CN	Ethanone, 2-amino-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)				



● HCl

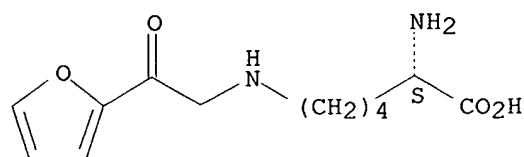
IT **70996-66-6P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and cyclization of, oxazoles from)
RN 70996-66-6 CAPLUS
CN Acetamide, 2-chloro-N-[2-oxo-2-(2-thienyl)ethyl]- (9CI) (CA INDEX NAME)



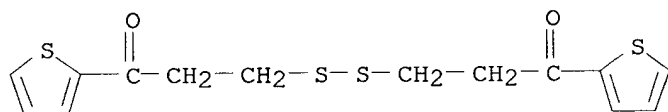
L5 ANSWER 303 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1979:473303 CAPLUS
DN 91:73303
TI Studies on protein quality using the yearly skim milk powder production of a milk powder plant. 2. Damage of lysine by milk drying
AU Erbersdobler, H. F.
CS Fachber. Tiermed., Univ. Muenchen, Munich, Fed. Rep. Ger.
SO Milchwissenschaft (1979), 34(6), 325-8
CODEN: MILCAD; ISSN: 0026-3788
DT Journal
LA German
IT **19746-33-9**
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
(of milk, during storage, lysine inactivation during drying in relation to)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

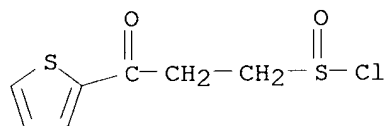
09/817,374



L5 ANSWER 304 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1979:420220 CAPLUS
 DN 91:20220
 TI 2-Benzoylthanesulfinic acid, 2-(2-thenoyl)ethanesulfinic acid and some of their derivatives
 AU Etienne, Andre; Bore, Jean Claude; Baills, Gerard; Lonchambon, Georges; Desmazieres, Bernard
 CS Conserv. Natl. Arts Metiers, Lab. Chim. Ind., Paris, Fr.
 SO Comptes Rendus des Seances de l'Academie des Sciences, Serie C: Sciences Chimiques (1979), 288(1), 49-52
 CODEN: CHDCAQ; ISSN: 0567-6541
 DT Journal
 LA French
 IT **70013-96-6P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. and chlorination of)
 RN 70013-96-6 CAPLUS
 CN 1-Propanone, 3,3'-dithiobis[1-(2-thienyl)- (9CI) (CA INDEX NAME)

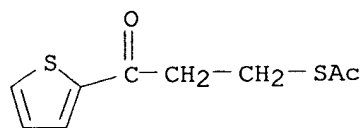


IT **70013-79-5P 70013-95-5P 70061-15-3P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. and hydrolysis of)
 RN 70013-79-5 CAPLUS
 CN 2-Thiophenepropanesulfinyl chloride, .gamma.-oxo- (9CI) (CA INDEX NAME)

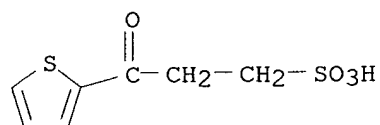


RN 70013-95-5 CAPLUS
 CN Ethanethioic acid, S-[3-oxo-3-(2-thienyl)propyl] ester (9CI) (CA INDEX NAME)

V. Balasubramanian

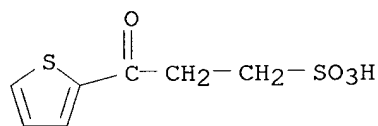


RN 70061-15-3 CAPLUS
CN 2-Thiophenepropanesulfonic acid, .gamma.-oxo-, sodium salt (9CI) (CA INDEX NAME)

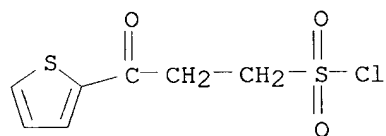


● Na

IT **70013-71-7P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and reaction with thionyl chloride)
RN 70013-71-7 CAPLUS
CN 2-Thiophenepropanesulfonic acid, .gamma.-oxo- (9CI) (CA INDEX NAME)



IT **70013-72-8P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and reaction with zinc)
RN 70013-72-8 CAPLUS
CN 2-Thiophenepropanesulfonyl chloride, .gamma.-oxo- (9CI) (CA INDEX NAME)

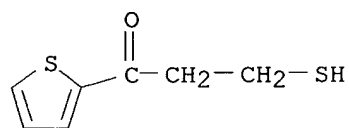


IT **70013-91-1P 70013-92-2P 70215-44-0P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and S-oxidn. of)

V. Balasubramanian

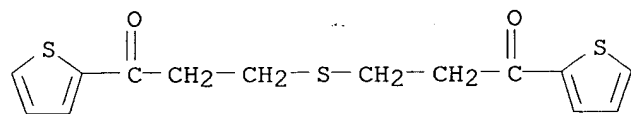
RN 70013-91-1 CAPLUS

CN 1-Propanone, 3-mercapto-1-(2-thienyl)- (9CI) (CA INDEX NAME)



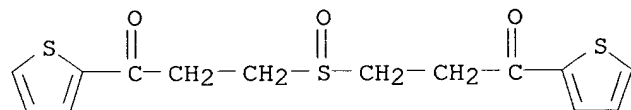
RN 70013-92-2 CAPLUS

CN 1-Propanone, 3,3'-thiobis[1-(2-thienyl)- (9CI) (CA INDEX NAME)



RN 70215-44-0 CAPLUS

CN 1-Propanone, 3,3'-sulfinylbis[1-(2-thienyl)- (9CI) (CA INDEX NAME)



IT 63261-22-3P 65373-90-2P 70013-80-8P

70013-81-9P 70013-82-0P 70013-83-1P

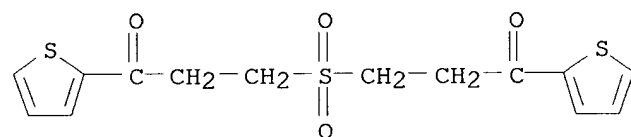
70013-84-2P 70013-98-8P 70014-00-5P

70215-45-1P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

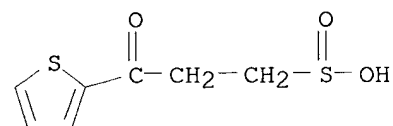
RN 63261-22-3 CAPLUS

CN 1-Propanone, 3,3'-sulfonylbis[1-(2-thienyl)- (9CI) (CA INDEX NAME)



RN 65373-90-2 CAPLUS

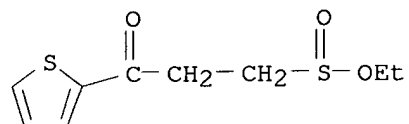
CN 2-Thiophenepropanesulfinic acid, .gamma.-oxo- (9CI) (CA INDEX NAME)



V. Balasubramanian

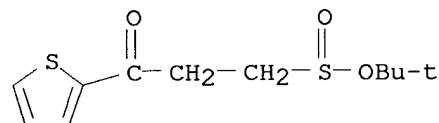
RN 70013-80-8 CAPLUS

CN 2-Thiophenepropanesulfinic acid, .gamma.-oxo-, ethyl ester (9CI) (CA INDEX NAME)



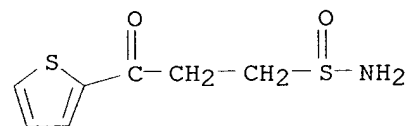
RN 70013-81-9 CAPLUS

CN 2-Thiophenepropanesulfinic acid, .gamma.-oxo-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



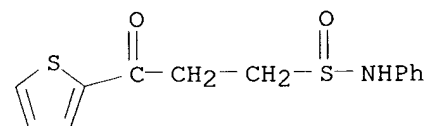
RN 70013-82-0 CAPLUS

CN 2-Thiophenepropanesulfinamide, .gamma.-oxo- (9CI) (CA INDEX NAME)



RN 70013-83-1 CAPLUS

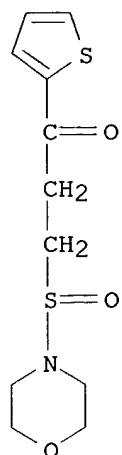
CN 2-Thiophenepropanesulfinamide, .gamma.-oxo-N-phenyl- (9CI) (CA INDEX NAME)



RN 70013-84-2 CAPLUS

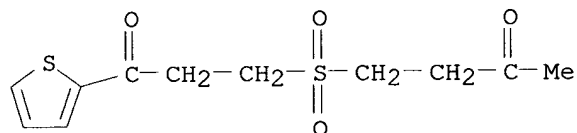
CN Morpholine, 4-[[3-oxo-3-(2-thienyl)propyl]sulfinyl]- (9CI) (CA INDEX NAME)

V. Balasubramanian



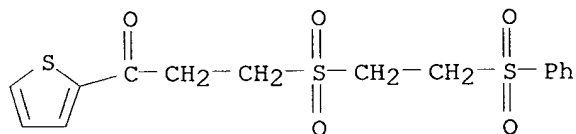
RN 70013-98-8 CAPLUS

CN 2-Butanone, 4-[[3-oxo-3-(2-thienyl)propyl]sulfonyl]- (9CI) (CA INDEX NAME)



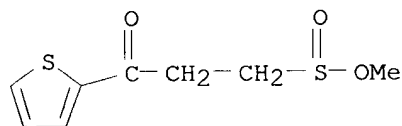
RN 70014-00-5 CAPLUS

CN 1-Propanone, 3-[[2-(phenylsulfonyl)ethyl]sulfonyl]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



RN 70215-45-1 CAPLUS

CN 2-Thiophenepropanesulfinic acid, .gamma.-oxo-, methyl ester (9CI) (CA INDEX NAME)



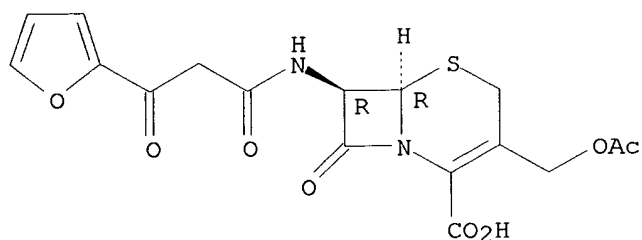
L5 ANSWER 305 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1979:168530 CAPLUS

09/817,374

V. Balasubramanian

DN 90:168530
TI New cephalosporins with 7-acyl groups derived from .beta.-oxo acids. I.
7-(.beta.-Oxoacylamino)cephalosporins
AU Numata, Mitsuo; Yamaoka, Masayoshi; Minamida, Isao; Kuritani, Masaaki;
Imashiro, Yoshio
CS Cent. Res. Div., Takeda Chem. Ind., Ltd., Osaka, Japan
SO Journal of Antibiotics (1978), 31(12), 1245-51
CODEN: JANTAJ; ISSN: 0021-8820
DT Journal
LA English
IT **69931-95-9P 69931-96-0P 69932-00-9P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); SPN (Synthetic preparation); BIOL (Biological
study); PREP (Preparation)
(prepn. and bactericidal activity of)
RN 69931-95-9 CAPLUS
CN 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid,
3-[(acetyloxy)methyl]-7-[[3-(2-furanyl)-1,3-dioxopropyl]amino]-8-oxo-,
monosodium salt, (6R-trans)- (9CI) (CA INDEX NAME)

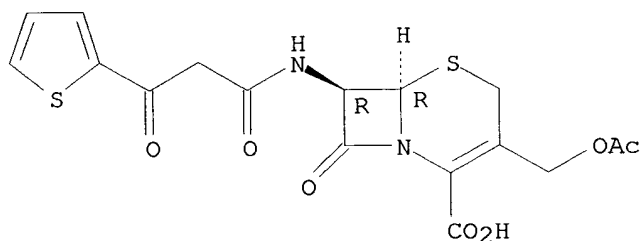
Absolute stereochemistry.



● Na

RN 69931-96-0 CAPLUS
CN 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid,
3-[(acetyloxy)methyl]-7-[[1,3-dioxo-3-(2-thienyl)propyl]amino]-8-oxo-,
monosodium salt, (6R-trans)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

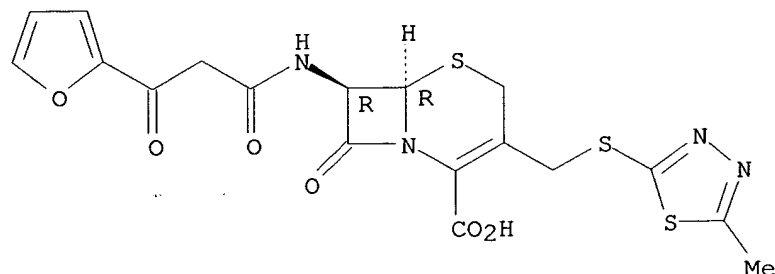


● Na

V. Balasubramanian

RN 69932-00-9 CAPLUS
CN 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid,
7-[[3-(2-furanyl)-1,3-dioxopropyl]amino]-3-[[[(5-methyl-1,3,4-thiadiazol-2-yl)thio]methyl]-8-oxo-, monosodium salt, (6R-trans)- (9CI) (CA INDEX NAME)

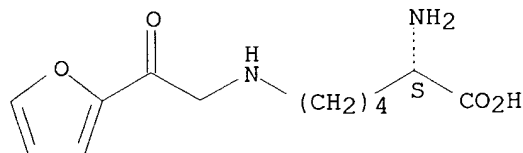
Absolute stereochemistry.



● Na

L5 ANSWER 306 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1979:136314 CAPLUS
DN 90:136314
TI Determination of lysinoalanine by densitometry
AU Haagsma, N.; Gortemaker, B. G. M.
CS Fac. Vet. Med., Univ. Utrecht, Utrecht, Neth.
SO Journal of Chromatography (1979), 168(2), 550-6
CODEN: JOCRAM; ISSN: 0021-9673
DT Journal
LA English
IT **19746-33-9**
RL: ANT (Analyte); ANST (Analytical study)
(chromatog. of, thin-layer, food proteins in relation to)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

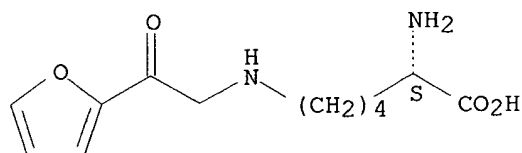


L5 ANSWER 307 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1979:102047 CAPLUS
DN 90:102047
TI Simultaneous determination of lysine, lysinoalanine, furosine, and
pyridosine in food and feeds
AU Erbersdobler, Helmut F.; Holstein, Barbara; Lainer, Eva

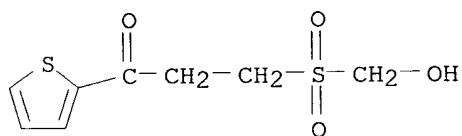
V. Balasubramanian

CS Inst. Physiol., Physiol. Chem. Ernaehrungsphysiol., Univ. Muenchen,
Munich, Fed. Rep. Ger.
SO Zeitschrift fuer Lebensmittel-Untersuchung und -Forschung (1979), 168(1),
6-8
CODEN: ZLUFAR; ISSN: 0044-3026
DT Journal
LA German
IT **19746-33-9**
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, in feed and food, chromatog.)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

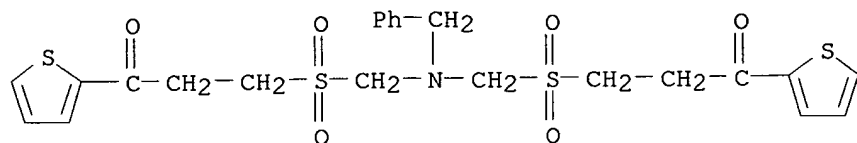


L5 ANSWER 308 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1979:71858 CAPLUS
DN 90:71858
TI Some reactions with activated sulfinic acids
AU Messinger, Paul; Greve, Harald
CS Inst. Pharm. Chem., Univ. Hamburg, Hamburg, Fed. Rep. Ger.
SO Archiv der Pharmazie (Weinheim, Germany) (1978), 311(10), 827-33
CODEN: ARPMAS; ISSN: 0365-6233
DT Journal
LA German
IT **68869-98-7P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and amination of)
RN 68869-98-7 CAPLUS
CN 1-Propanone, 3-[(hydroxymethyl)sulfonyl]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



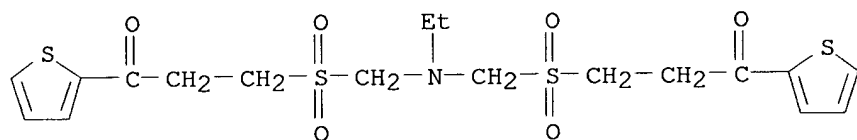
IT **68870-00-8P 68870-03-1P 69054-30-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 68870-00-8 CAPLUS
CN 1-Propanone, 3,3'-[[(phenylmethyl)imino]bis(methylenesulfonyl)]bis[1-(2-thienyl)- (9CI) (CA INDEX NAME)

V. Balasubramanian



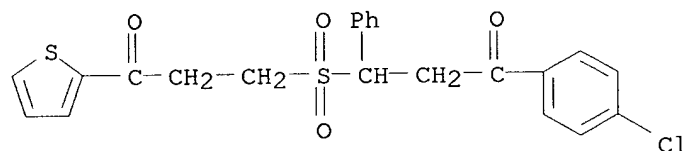
RN 68870-03-1 CAPLUS

CN 1-Propanone, 3,3'-[(ethylimino)bis(methylenesulfonyl)]bis[1-(2-thienyl)- (9CI) (CA INDEX NAME)



RN 69054-30-4 CAPLUS

CN 1-Propanone, 1-(4-chlorophenyl)-3-[[3-oxo-3-(2-thienyl)propyl]sulfonyl]-3-phenyl- (9CI) (CA INDEX NAME)

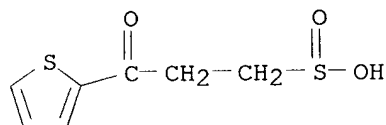


IT 65373-90-2

RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with alkenes)

RN 65373-90-2 CAPLUS

CN 2-Thiophenepropanesulfinic acid, .gamma.-oxo- (9CI) (CA INDEX NAME)



L5 ANSWER 309 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1978:424085 CAPLUS

DN 89:24085

TI Condensation reactions of activated sulfinic acids with Mannich bases

AU Messinger, Paul; Greve, Harald

CS Inst. Pharm. Chem., Univ. Hamburg, Hamburg, Fed. Rep. Ger.

SO Archiv der Pharmazie (Weinheim, Germany) (1978), 311(4), 280-7

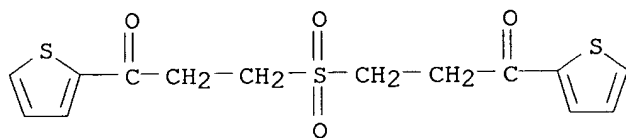
CODEN: ARPMAS; ISSN: 0365-6233

DT Journal

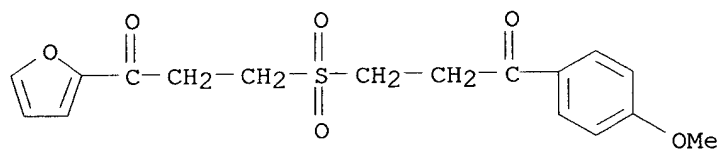
LA German

V. Balasubramanian

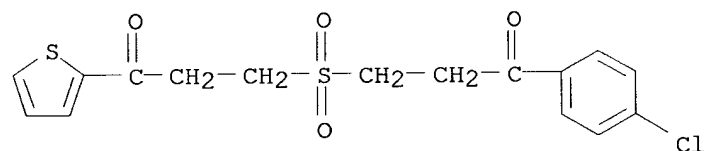
IT 63261-22-3P 66889-79-0P 66889-92-7P
66889-94-9P 66889-98-3P 66889-99-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 63261-22-3 CAPLUS
CN 1-Propanone, 3,3'-sulfonylbis[1-(2-thienyl)- (9CI) (CA INDEX NAME)



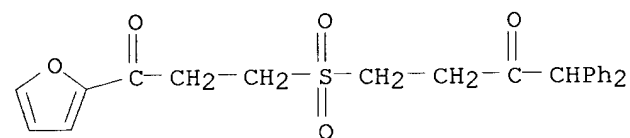
RN 66889-79-0 CAPLUS
CN 1-Propanone, 1-(2-furanyl)-3-[[3-(4-methoxyphenyl)-3-oxopropyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 66889-92-7 CAPLUS
CN 1-Propanone, 3-[[3-(4-chlorophenyl)-3-oxopropyl]sulfonyl]-1-(2-thienyl)- (9CI) (CA INDEX NAME)

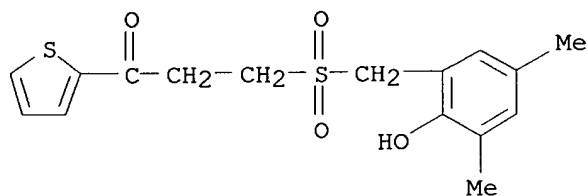


RN 66889-94-9 CAPLUS
CN 2-Butanone, 4-[[3-(2-furanyl)-3-oxopropyl]sulfonyl]-1,1-diphenyl- (9CI)
(CA INDEX NAME)



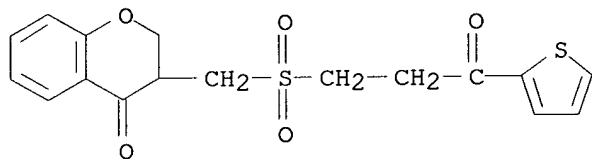
RN 66889-98-3 CAPLUS
CN 1-Propanone, 3-[[3-(2-hydroxy-3,5-dimethylphenyl)methyl]sulfonyl]-1-(2-thienyl)- (9CI) (CA INDEX NAME)

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RN 66889-99-4 CAPLUS

CN 4H-1-Benzopyran-4-one, 2,3-dihydro-3-[[[3-oxo-3-(2-thienyl)propyl]sulfonyl]methyl]- (9CI) (CA INDEX NAME)

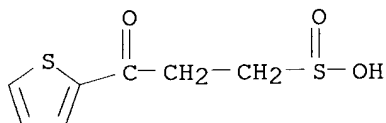


IT 66889-91-6 66889-93-8

RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with Mannich base, asym. sulfone from)

RN 66889-91-6 CAPLUS

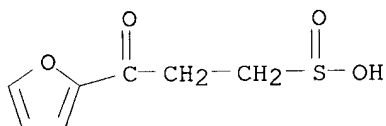
CN 2-Thiophenepropanesulfinic acid, .gamma.-oxo-, sodium salt (9CI) (CA INDEX NAME)



● Na

RN 66889-93-8 CAPLUS

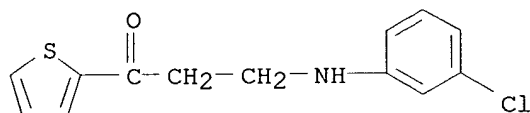
CN 2-Furanpropanesulfinic acid, .gamma.-oxo-, sodium salt (9CI) (CA INDEX NAME)



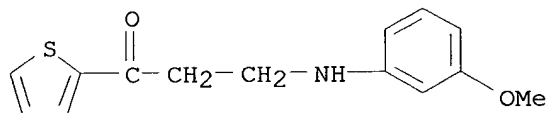
● Na

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L5 ANSWER 310 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1978:120954 CAPLUS
DN 88:120954
TI Synthesis of heterocyclic compounds: part XXI. Dihydro- and tetrahydroquinolines and their methiodides
AU Gogte, V. N.; Mukhedkar, V. A.; Tilak, B. D.
CS Natl. Chem. Lab., Poona, India
SO Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1977), 15B(9), 774-7
CODEN: IJSBDB; ISSN: 0376-4699
DT Journal
LA English
IT **55439-03-7P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (prepn. and redn. of)
RN 55439-03-7 CAPLUS
CN 1-Propanone, 3-[(3-chlorophenyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



IT **21280-46-6**
RL: RCT (Reactant); RACT (Reactant or reagent) (redn. of)
RN 21280-46-6 CAPLUS
CN 1-Propanone, 3-[(3-methoxyphenyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)

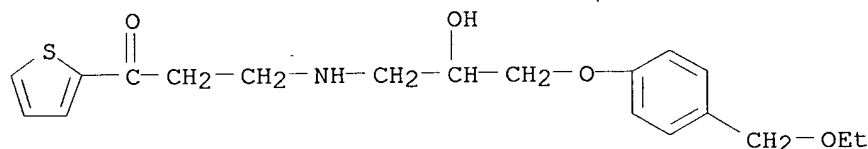


L5 ANSWER 311 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1978:105151 CAPLUS
DN 88:105151
TI 1-Phenoxy-3-aminopropan-2-ol derivatives and their acid addition salts
PA Cassella Farbwerke Mainkur A.-G., Fed. Rep. Ger.
SO Austrian, 14 pp.
CODEN: AUXXAK
DT Patent
LA German
FAN.CNT 3

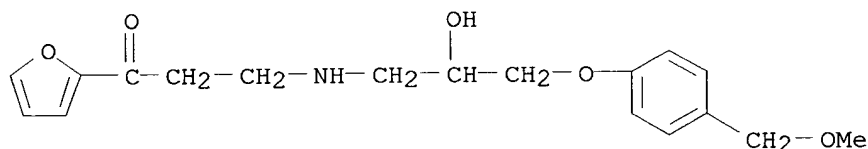
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	AT 339305	B	19771010	AT 1974-10164	19741219
	AT 7410164	A	19770215		
	US 4088764	A	19780509	US 1974-531344	19741210

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FI 7403631	A	19750628	FI 1974-3631	19741216
NO 7404530	A	19750630	NO 1974-4530	19741216
SE 7415761	A	19750630	SE 1974-15761	19741216
DK 7406547	A	19750825	DK 1974-6547	19741216
DD 117071	C	19751220	DD 1974-183198	19741219
ZA 7408082	A	19760128	ZA 1974-8082	19741219
SU 559643	D	19770525	SU 1974-2085461	19741219
SU 598557	D	19780315	SU 1974-2085234	19741219
HU 171726	P	19780328	HU 1974-CA376	19741219
CA 1047512	A1	19790130	CA 1974-216421	19741219
US 4066768	A	19780103	US 1976-669995	19760324
PRAI LU 1973-34590		19731227		
US 1974-531344		19741210		
IT	65752-91-2 65752-92-3			
	RL: RCT (Reactant); RACT (Reactant or reagent)			
	(redn. of)			
RN	65752-91-2 CAPLUS			
CN	1-Propanone, 3-[[3-[4-(ethoxymethyl)phenoxy]-2-hydroxypropyl]amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)			



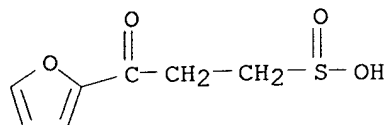
RN 65752-92-3 CAPLUS
 CN 1-Propanone, 1-(2-furanyl)-3-[[2-hydroxy-3-[4-(methoxymethyl)phenoxy]propyl]amino]- (9CI) (CA INDEX NAME)



L5 ANSWER 312 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1978:74266 CAPLUS
 DN 88:74266
 TI Synthesis of sulfinic acids with electron-attracting substituents in the .beta.-position
 AU Messinger, Paul; Greve, Harald
 CS Inst. Pharm. Chem., Univ. Hamburg, Hamburg, Fed. Rep. Ger.
 SO Justus Liebigs Annalen der Chemie (1977), (9), 1457-60
 CODEN: JLACBF; ISSN: 0075-4617
 DT Journal
 LA German
 IT **65373-89-9P 65373-90-2P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 65373-89-9 CAPLUS

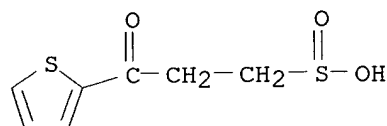
V. Balasubramanian

CN 2-Furanpropanesulfinic acid, .gamma.-oxo- (9CI) (CA INDEX NAME)



RN 65373-90-2 CAPLUS

CN 2-Thiophenepropanesulfinic acid, .gamma.-oxo- (9CI) (CA INDEX NAME)

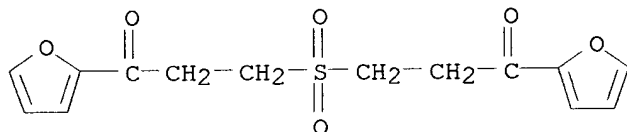


IT 63261-21-2 63261-22-3

RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with cyanide, sulfinic acid from)

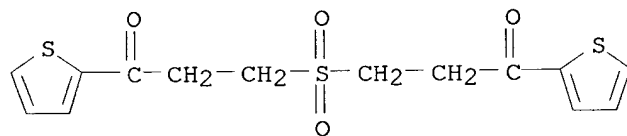
RN 63261-21-2 CAPLUS

CN 1-Propanone, 3,3'-sulfonylbis[1-(2-furanyl)- (9CI) (CA INDEX NAME)



RN 63261-22-3 CAPLUS

CN 1-Propanone, 3,3'-sulfonylbis[1-(2-thienyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 313 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1977:535041 CAPLUS

DN 87:135041

TI Derivatives of 1-(2-thienyl)-2-amino-ethanol and their preparation

IN Corral Saleta, Carlos; Del Rio Zambrana, Joaquin; Martinex Roldan, Cristobal; Fernandez Brana, Miguel; Madronero Pelaez, Ramon

PA Laboratorios Made S. A., Spain

SO Brit., 4 pp. Addn. to Brit. 1,396,042.

CODEN: BRXXAA

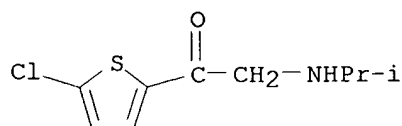
DT Patent

LA English

V. Balasubramanian

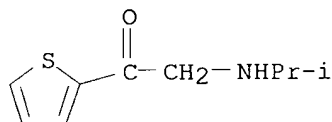
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 1470151	A	19770414	GB 1975-9615	19750307
PRAI	GB 1975-9615		19750307		
IT	64218-49-1P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (prepn. and hydride redn. of)				
RN	64218-49-1	CAPLUS			
CN	Ethanone, 1-(5-chloro-2-thienyl)-2-[(1-methylethyl)amino]- (9CI) (CA INDEX NAME)				



L5 ANSWER 314 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1977:502152 CAPLUS
DN 87:102152
TI Intermediate compounds for the synthesis of 1-(2-thienyl)-2-aminoethanol derivatives
PA Laboratorios Made S. A., Spain
SO Span., 13 pp.
CODEN: SPXXAD
DT Patent
LA Spanish
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	ES 411086	A1	19760716	ES 1973-411086	19730130
PRAI	ES 1973-411086		19730130		
IT	49703-05-1P 49703-06-2P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (prepn. and redn. of)				
RN	49703-05-1	CAPLUS			
CN	Ethanone, 2-[(1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)				



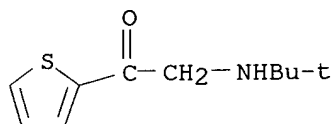
● HCl

RN 49703-06-2 CAPLUS

09/817,374

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CN Ethanone, 2-[(1,1-dimethylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI)
 (CA INDEX NAME)



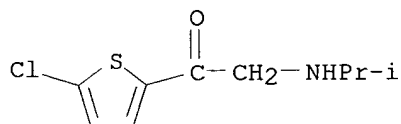
● HCl

IT **49703-07-3P 49703-08-4P**

RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)

RN 49703-07-3 CAPLUS

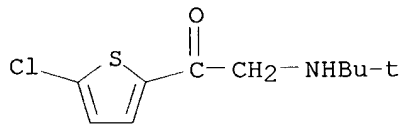
CN Ethanone, 1-(5-chloro-2-thienyl)-2-[(1-methylethyl)amino]-, hydrochloride
 (9CI) (CA INDEX NAME)



● HCl

RN 49703-08-4 CAPLUS

CN Ethanone, 1-(5-chloro-2-thienyl)-2-[(1,1-dimethylethyl)amino]-,
 hydrochloride (9CI) (CA INDEX NAME)



● HCl

L5 ANSWER 315 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1977:422282 CAPLUS

DN 87:22282

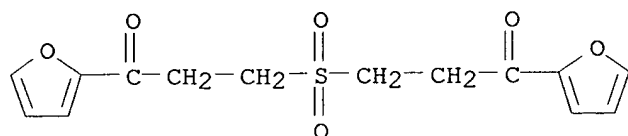
TI Synthesis of symmetrical sulfones from sodium hydroxymethanesulfinate and
 Mannich bases

AU Messinger, P.; Greve, H.

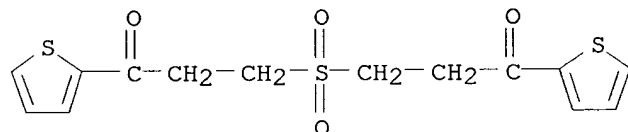
CS Inst. Pharm. Chem., Univ. Hamburg, Hamburg, Fed. Rep. Ger.

V. Balasubramanian

SO Synthesis (1977), (4), 259-61
CODEN: SYNTBF; ISSN: 0039-7881
DT Journal
LA German
IT **63261-21-2P 63261-22-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 63261-21-2 CAPLUS
CN 1-Propanone, 3,3'-sulfonylbis[1-(2-furanyl)- (9CI) (CA INDEX NAME)



RN 63261-22-3 CAPLUS
CN 1-Propanone, 3,3'-sulfonylbis[1-(2-thienyl)- (9CI) (CA INDEX NAME)

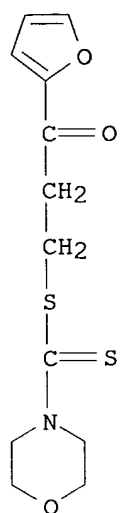


L5 ANSWER 316 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1977:115370 CAPLUS
DN 86:115370
TI Dithiocarbamic acid derivative-containing drug preparations for the
prevention and treatment of mycoplasmosis
IN Seki, Isao; Kitano, Noritoshi; Kondo, Fusao
PA Sankyo Co., Ltd., Japan
SO Ger. Offen., 64 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

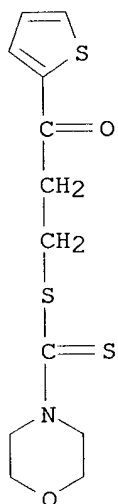
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2625823	A1	19761230	DE 1976-2625823	19760609
	JP 52001033	A2	19770106	JP 1975-69324	19750609
	JP 52044241	A2	19770407	JP 1975-118580	19751001
	FR 2313924	A1	19770107	FR 1976-17385	19760609
	BR 7603690	A	19770118	BR 1976-3690	19760609
PRAI	JP 1975-69324		19750609		
	JP 1975-118580		19751001		

IT **61998-29-6P 61998-30-9P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, for Mycoplasma prevention and treatment)
RN 61998-29-6 CAPLUS
CN 4-Morpholinecarbodithioic acid, 3-(2-furanyl)-3-oxopropyl ester (9CI) (CA INDEX NAME)

V. Balasubramanian



RN 61998-30-9 CAPLUS
CN 4-Morpholinecarbonylthioic acid, 3-oxo-3-(2-thienyl)propyl ester (9CI) (CA
INDEX NAME)

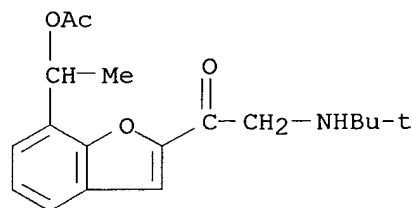


L5 ANSWER 317 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1976:432827 CAPLUS
DN 85:32827
TI .alpha.-[(tert-Butylamine)methyl]-2-benzofuranmethanols
IN Fothergill, Graham A.; Osbond, John M.; Wickens, James C.
PA Hoffmann-La Roche, F., und Co., A.-G., Switz.
SO Ger. Offen., 30 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

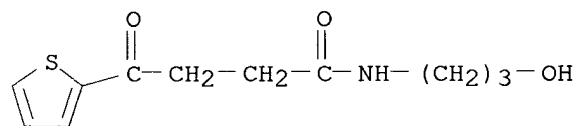
09/817,374

V. Balasubramanian

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2542611	A1	19760422	DE 1975-2542611	19750924
	DE 2542611	C2	19841220		
	GB 1472959	A	19770511	GB 1974-41890	19750829
	ZA 7505635	A	19760825	ZA 1975-5635	19750903
	CH 612960	A	19790831	CH 1975-11456	19750904
	IL 48063	A1	19791031	IL 1975-48063	19750905
	AU 7584724	A1	19770317	AU 1975-84724	19750911
	AU 496897	B2	19781109		
	US 3972900	A	19760803	US 1975-613687	19750915
	CA 1059525	A1	19790731	CA 1975-235651	19750917
	FI 7502640	A	19760327	FI 1975-2640	19750922
	FI 60002	B	19810731		
	FI 60002	C	19811110		
	SE 7510671	A	19760329	SE 1975-10671	19750923
	SE 422326	B	19820301		
	SE 422326	C	19820610		
	FR 2285870	A1	19760423	FR 1975-29227	19750924
	FR 2285870	B1	19800328		
	BE 833785	A1	19760325	BE 1975-160343	19750925
	DK 7504322	A	19760327	DK 1975-4322	19750925
	DK 136529	B	19771024		
	NO 7503267	A	19760329	NO 1975-3267	19750925
	NO 144039	B	19810302		
	NO 144039	C	19810610		
	JP 51063168	A2	19760601	JP 1975-114965	19750925
	JP 60004177	B4	19850201		
	DD 122521	C	19761012	DD 1975-188563	19750925
	ES 441266	A1	19770316	ES 1975-441266	19750925
	AT 349003	B	19790312	AT 1975-7346	19750925
	AT 7507346	A	19780815		
	NL 7511363	A	19760330	NL 1975-11363	19750926
	AT 350547	B	19790611	AT 1977-5946	19770817
	AT 7705946	A	19781115		
	AT 350548	B	19790611	AT 1977-5947	19770817
	AT 7705947	A	19781115		
	CH 614437	A	19791130	CH 1979-1951	19790227
	CH 614438	A	19791130	CH 1979-1952	19790227
PRAI	GB 1974-41890		19740926		
	GB 1974-4189074		19740926		
	CH 1975-11456		19750904		
	AT 1975-7346		19770817		
IT	59664-10-7P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (prepn. and redn. of)				
RN	59664-10-7	CAPLUS			
CN	Ethanone, 1-[7-[1-(acetyloxy)ethyl]-2-benzofuranyl]-2-[(1,1-dimethylethyl)amino]- (9CI) (CA INDEX NAME)				



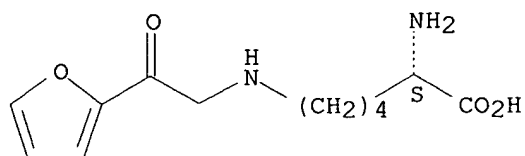
L5 ANSWER 318 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1976:99148 CAPLUS
 DN 84:99148
 TI Synthesis and central nervous system depressant activity of some bicyclic amides
 AU Aeberli, Paul; Gogerty, John H.; Houlihan, William J.; Iorio, Louis C.
 CS Res. Dev. Dep., Sandoz Pharm., Hanover, NJ, USA
 SO Journal of Medicinal Chemistry (1976), 19(3), 436-8
 CODEN: JMCMAR; ISSN: 0022-2623
 DT Journal
 LA English
 IT **58137-32-9P**
 RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)
 (prepn. and pharmacol. of)
 RN 58137-32-9 CAPLUS
 CN 2-Thiophenebutanamide, N-(3-hydroxypropyl)-.gamma.-oxo- (9CI) (CA INDEX NAME)



L5 ANSWER 319 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1976:88126 CAPLUS
 DN 84:88126
 TI Isolation of N.epsilon.-(2-furoylmethyl)-L-lysine (furosine) from an acid hydrolyzate of casein heated with glucose
 AU Nakai, Tadashi; Ohta, Takafumi; Hatsumi, Makiko; Horikoshi, Susumu
 CS Fac. Pharm. Sci., Sci. Univ. Tokyo, Tokyo, Japan
 SO Agricultural and Biological Chemistry (1975), 39(12), 2421-2
 CODEN: ABCHA6; ISSN: 0002-1369
 DT Journal
 LA English
 IT **19746-33-9**
 RL: BIOL (Biological study)
 (from casein-glucose reaction)
 RN 19746-33-9 CAPLUS
 CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

V. Balasubramanian

Absolute stereochemistry.



L5 ANSWER 320 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1975:514197 CAPLUS

DN 83:114197

TI Derivatives of 1-(2-thienyl)-2-aminoethanol

IN Corral Saleta, Carlos; Del Rio Zambrana, Joaquin; Martinez Rolden, Cristobal; Fernandez Brana, Miguel; Madronero, Ramon

PA Laboratorios Made S. A., Spain

SO Brit., 5 pp.

CODEN: BRXXAA

DT Patent

LA English

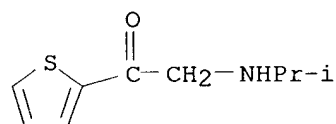
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 1396042	A	19750529	GB 1973-5043	19730201
PRAI	GB 1973-5043		19730201		
IT	49703-05-1P 49703-06-2P				

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (prepn. and redn. of)

RN 49703-05-1 CAPLUS

CN Ethanone, 2-[(1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)

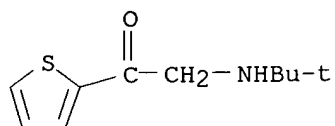


● HCl

RN 49703-06-2 CAPLUS

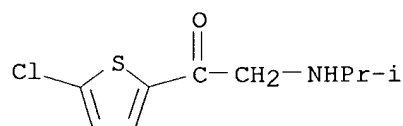
CN Ethanone, 2-[(1,1-dimethylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)

V. Balasubramanian



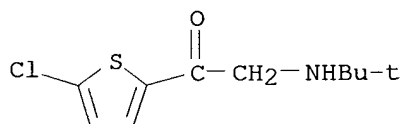
● HCl

IT 49703-07-3P 49703-08-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 49703-07-3 CAPLUS
CN Ethanone, 1-(5-chloro-2-thienyl)-2-[(1-methylethyl)amino]-, hydrochloride
(9CI) (CA INDEX NAME)



● HCl

RN 49703-08-4 CAPLUS
CN Ethanone, 1-(5-chloro-2-thienyl)-2-[(1,1-dimethylethyl)amino]-,
hydrochloride (9CI) (CA INDEX NAME)



● HCl

L5 ANSWER 321 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1975:479110 CAPLUS
DN 83:79110
TI Action of amines on 4-hydroxy-2-oxo-2H-pyrano[3,2-b]thianaphthenes
AU Ali, Mohamed I.; Samy, Salah M.
CS Fac. Sci., Cairo Univ., Giza, Egypt
SO Egyptian Journal of Chemistry (1974), Volume Date 1973, (Spec. Issue),
169-77
CODEN: EGJCA3; ISSN: 0449-2285
DT Journal

V. Balasubramanian

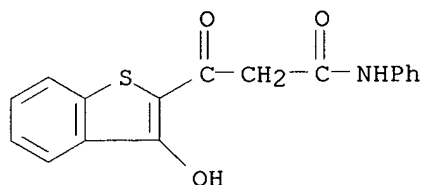
LA English

IT 2035-57-6P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 2035-57-6 CAPLUS

CN Benzo[b]thiophene-2-propanamide, 3-hydroxy-.beta.-oxo-N-phenyl- (9CI) (CA INDEX NAME)



L5 ANSWER 322 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1975:443189 CAPLUS

DN 83:43189

TI Indole aminoketones

IN Posselt, Klaus; Thiele, Kurt

PA Deutsche Gold- und Silber-Scheideanstalt vorm. Roessler, Fed. Rep. Ger.

SO U.S., 8 pp. Continuation-in-part of U. S. 3,658,845 (CA 77:19630s).

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3859305	A	19750107	US 1971-137575	19710426
	US 3514465	A	19700526	US 1967-693138	19671226
	US 3658845	A	19720425	US 1970-18300	19700310
PRAI	US 1967-693138		19671226		
	US 1970-18300		19700310		
	DE 1966-D51910		19661230		
	DE 1966-D51911		19661230		

IT 28745-69-9P 28745-70-2P 28745-76-8P

28745-86-0P 28745-90-6P 28763-18-0P

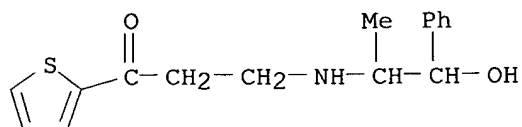
38977-57-0P 55895-74-4P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 28745-69-9 CAPLUS

CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)

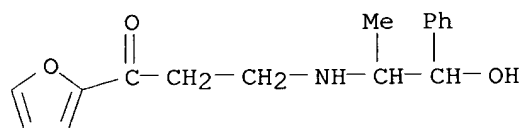
V. Balasubramanian



● HCl

RN 28745-70-2 CAPLUS

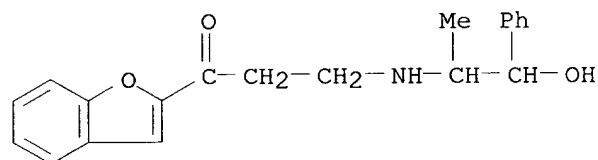
CN 1-Propanone, 1-(2-furanyl)-3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 28745-76-8 CAPLUS

CN 1-Propanone, 1-(2-benzofuranyl)-3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-, hydrochloride (9CI) (CA INDEX NAME)

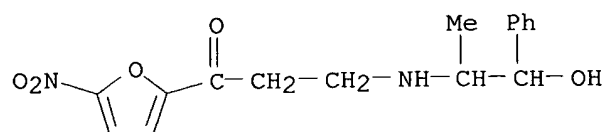


● HCl

RN 28745-86-0 CAPLUS

CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(5-nitro-2-furanyl)-, monohydrochloride (9CI) (CA INDEX NAME)

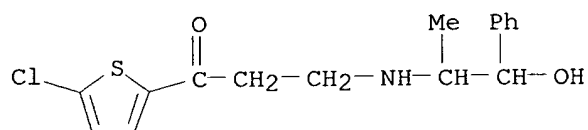
V. Balasubramanian



● HCl

RN 28745-90-6 CAPLUS

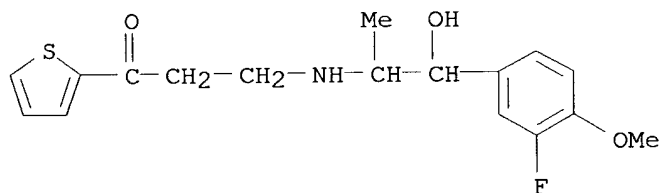
CN 1-Propanone, 1-(5-chloro-2-thienyl)-3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 28763-18-0 CAPLUS

CN 1-Propanone, 3-[[2-(3-fluoro-4-methoxyphenyl)-2-hydroxy-1-methylethyl]amino]-1-(2-thienyl)-, hydrochloride, (+)- (9CI) (CA INDEX NAME)



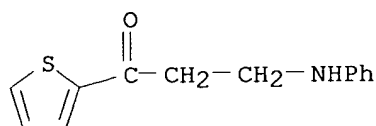
● HCl

RN 38977-57-0 CAPLUS

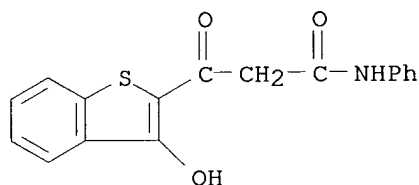
CN 1-Propanone, 3-[[2-(2-chlorophenyl)-2-hydroxyethyl]amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)

V. Balasubramanian

IT 21280-44-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(redn. of)
RN 21280-44-4 CAPLUS
CN 1-Propanone, 3-(phenylamino)-1-(2-thienyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 324 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1974:449595 CAPLUS
DN 81:49595
TI Action of amines on 4-hydroxy-2-oxo-2H-pyrano[3,2-b]thianaphthenes
AU Ali, Mohamed I.; Samy, Salah M.
CS Fac. Sci., Univ. Cairo, Giza, Egypt
SO Egyptian Journal of Chemistry (1973), (Special), 169-77
CODEN: EGJCA3; ISSN: 0449-2285
DT Journal
LA English
IT 2035-57-6P
RL: PREP (Preparation)
(from hydroxy(2-oxo)pyranothianaphthene and aniline)
RN 2035-57-6 CAPLUS
CN Benzo[b]thiophene-2-propanamide, 3-hydroxy-.beta.-oxo-N-phenyl- (9CI) (CA INDEX NAME)



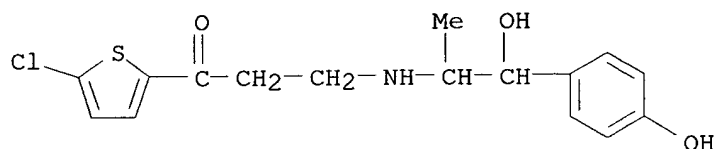
L5 ANSWER 325 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1974:413378 CAPLUS
DN 81:13378
TI 3-(3-[1-(4-Hydroxyphenyl)-1-hydroxypropyl-(2)-amino]-propionyl-thiophene
IN Posselt, Klaus
PA Deutsche Gold- und Silber-Scheideanstalt vorm. Roessler
SO U.S., 5 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3803173	A	19740409	US 1971-137576	19710426

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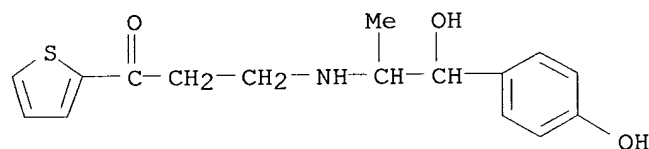
PRAI US 1971-137576 19710426
IT 35056-53-2P 35056-56-5P 35056-57-6P
35056-60-1P 35075-66-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 35056-53-2 CAPLUS
CN 1-Propanone, 1-(5-chloro-2-thienyl)-3-[[2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl]amino]-, hydrochloride (9CI) (CA INDEX NAME)



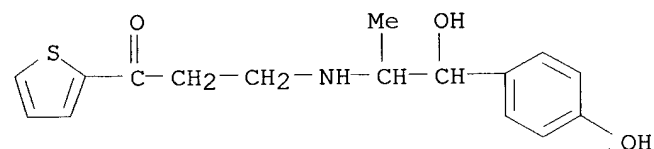
● HCl

RN 35056-56-5 CAPLUS
CN 1-Propanone, 3-[[2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl]amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



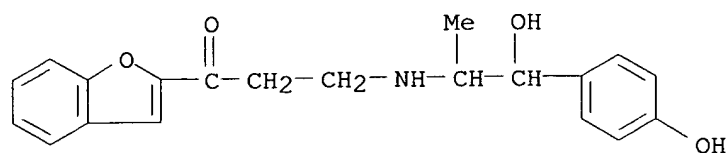
● HCl

RN 35056-57-6 CAPLUS
CN 1-Propanone, 3-[[2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl]amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



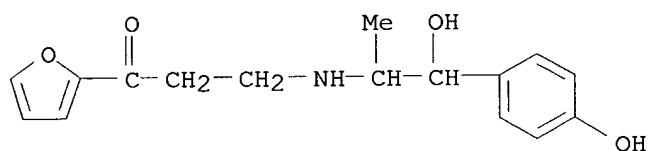
RN 35056-60-1 CAPLUS
CN 1-Propanone, 1-(2-benzofuranyl)-3-[[2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl]amino]-, hydrochloride (9CI) (CA INDEX NAME)

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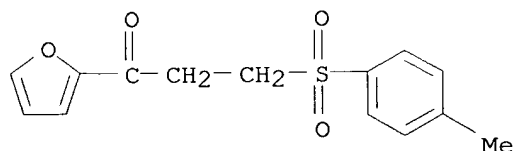
● HCl

RN 35075-66-2 CAPLUS
CN 1-Propanone, 1-(2-furanyl)-3-[[2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl]amino]-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

L5 ANSWER 326 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1974:403526 CAPLUS
DN 81:3526
TI Reaction of activated sulfones with nucleophiles. 3. Sulfones as chemical carrier forms of germicidal substances
AU Messinger, P.
CS Inst. Pharm. Chem., Univ. Hamburg, Hamburg, Fed. Rep. Ger.
SO Pharmazie (1974), 29(3), 172-4
CODEN: PHARAT; ISSN: 0031-7144
DT Journal
LA German
IT **50366-61-5**
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with piperidine)
RN 50366-61-5 CAPLUS
CN 1-Propanone, 1-(2-furanyl)-3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)

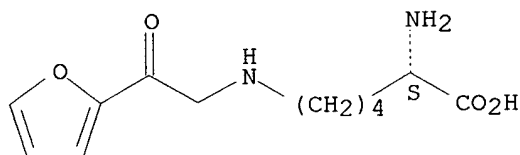


L5 ANSWER 327 OF 409 CAPLUS COPYRIGHT 2003 ACS

V. Balasubramanian

AN 1974:94297 CAPLUS
DN 80:94297
TI Determination of furosine in foods and feeds
AU Brandt, Andrea; Erbersdobler, H.
CS Inst. Tierphysiol., Univ. Muenchen, Munich, Fed. Rep. Ger.
SO Landwirtschaftliche Forschung, Sonderheft (1973), 28(2), 115-19
CODEN: SZLFA3; ISSN: 0457-110X
DT Journal
LA German
IT **19746-33-9**
RL: ANT (Analyte); ANST (Analytical study)
(detection of, of milk, lysine heat damage in relation to)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

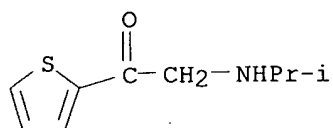
Absolute stereochemistry.



L5 ANSWER 328 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1974:47831 CAPLUS
DN 80:47831
TI 1-(2-Thienyl)-2-aminoethanol derivatives
PA Laboratorios Made, S. A.; Patronato de Investigacion Cientifica y Tecnica
"Juan de la Cierva"
SO Span., 12 pp.
CODEN: SPXXAD
DT Patent
LA Spanish
FAN.CNT 1

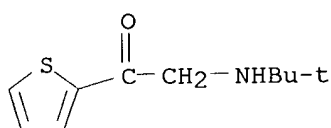
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	ES 381478	A1	19721116	ES 1970-381478	19700706
PRAI	ES 1970-381478		19700706		
IT	49703-05-1P 49703-06-2P 49703-07-3P				
	49703-08-4P				
RL:	SPN (Synthetic preparation); PREP (Preparation) (prepn. of)				
RN	49703-05-1	CAPLUS			
CN	Ethanone, 2-[(1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)				

V. Balasubramanian



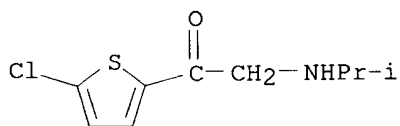
● HCl

RN 49703-06-2 CAPLUS
CN Ethanone, 2-[(1,1-dimethylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI)
(CA INDEX NAME)



● HCl

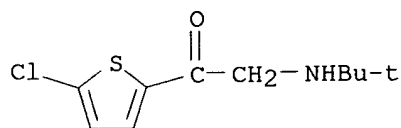
RN 49703-07-3 CAPLUS
CN Ethanone, 1-(5-chloro-2-thienyl)-2-[(1-methylethyl)amino]-, hydrochloride
(9CI) (CA INDEX NAME)



● HCl

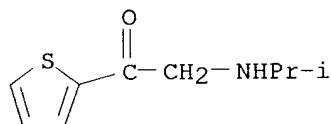
RN 49703-08-4 CAPLUS
CN Ethanone, 1-(5-chloro-2-thienyl)-2-[(1,1-dimethylethyl)amino]-, hydrochloride (9CI) (CA INDEX NAME)

V. Balasubramanian



● HCl

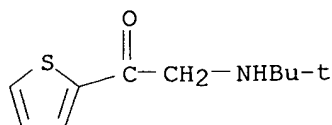
L5 ANSWER 329 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1974:22499 CAPLUS
DN 80:22499
TI N-Substituted 2-amino-1-(2-thienyl)ethanols as .beta.-adrenergic blocking agents
AU Corral, C.; Darias, V.; Fernandez-Tome, M. P.; Madronero, R.; Del Rio, J.
CS Dep. Med. Chem., Cent. Nac. Quim. Org., Madrid, Spain
SO Journal of Medicinal Chemistry (1973), 16(8), 882-5
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
IT 49703-05-1P 49703-06-2P 49703-07-3P
49703-08-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 49703-05-1 CAPLUS
CN Ethanone, 2-[(1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI)
(CA INDEX NAME)



● HCl

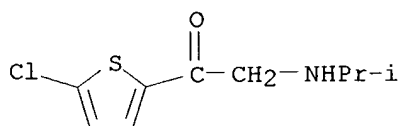
RN 49703-06-2 CAPLUS
CN Ethanone, 2-[(1,1-dimethylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI)
(CA INDEX NAME)

V. Balasubramanian



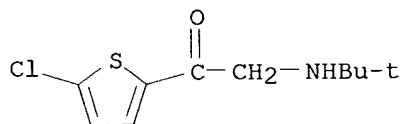
● HCl

RN 49703-07-3 CAPLUS
CN Ethanone, 1-(5-chloro-2-thienyl)-2-[(1-methylethyl)amino]-, hydrochloride
(9CI) (CA INDEX NAME)



● HCl

RN 49703-08-4 CAPLUS
CN Ethanone, 1-(5-chloro-2-thienyl)-2-[(1,1-dimethylethyl)amino]-, hydrochloride (9CI) (CA INDEX NAME)

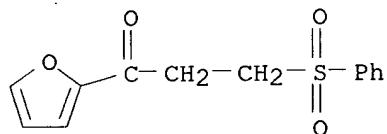


● HCl

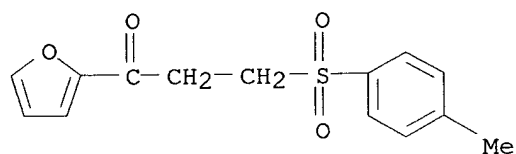
L5 ANSWER 330 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1973:536695 CAPLUS
DN 79:136695
TI Sulfones as chemical transports of germicidal substances. 2. Sulfones via Mannich bases
AU Messinger, P.
CS Inst. Pharm. Chem., Univ. Hamburg, Hamburg, Fed. Rep. Ger.
SO Archiv der Pharmazie (Weinheim, Germany) (1973), 306(8), 603-10
CODEN: ARPMAS; ISSN: 0365-6233
DT Journal
LA German
IT 50366-60-4P 50366-61-5P 50366-62-6P
RL: SPN (Synthetic preparation); PREP (Preparation)

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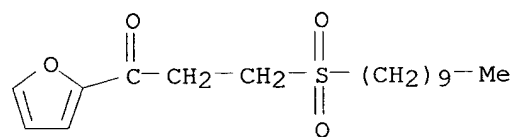
(prepn. of)
RN 50366-60-4 CAPLUS
CN 1-Propanone, 1-(2-furanyl)-3-(phenylsulfonyl)- (9CI) (CA INDEX NAME)



RN 50366-61-5 CAPLUS
CN 1-Propanone, 1-(2-furanyl)-3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



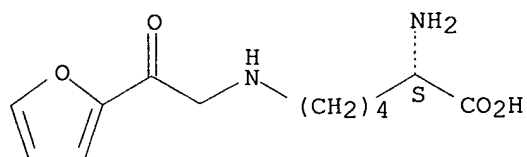
RN 50366-62-6 CAPLUS
CN 1-Propanone, 3-(decylsulfonyl)-1-(2-furanyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 331 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1973:464604 CAPLUS
DN 79:64604
TI Importance of fructose lysins and their decomposition products furosine and pyridosine for the quality control of foods
AU Sulser, H.
CS Forsch. Inst., Firma Knorr A.-G., Zurich, Switz.
SO Lebensmittel-Wissenschaft und -Technologie (1973), 6(2), 66-9
CODEN: LBWTAP; ISSN: 0023-6438
DT Journal; General Review
LA German
IT **19746-33-9**
RL: BIOL (Biological study)
(food quality in relation to)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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L5 ANSWER 332 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1973:419112 CAPLUS
DN 79:19112
TI Bronchial secretion-liquefying S-(3-aryl-3-oxopropyl)cysteines
IN Mauvernay, Roland Yves; Moleyre, Jacques; Monteil, Andre; Simond, Jacques;
Bush, Norbert
PA Centre Europeen de Recherches Mauvernay
SO Ger. Offen., 10 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2248172	A1	19730426	DE 1972-2248172	19720930
	DE 2248172	B2	19760513		
	DE 2248172	C3	19770113		
	FR 2155893	A1	19730525	FR 1971-36840	19711013
	CH 549557	A	19740531	CH 1972-14325	19720926
	ES 407268	A1	19760616	ES 1972-407268	19721003
	BE 789838	A1	19730201	BE 1972-122889	19721009
	ZA 7207178	A	19730829	ZA 1972-7178	19721009
	NL 7213687	A	19730417	NL 1972-13687	19721010
	AU 7247663	A1	19740426	AU 1972-47663	19721011
	CA 978978	A1	19751202	CA 1972-154112	19721011
	US 4011240	A	19770308	US 1972-296902	19721012
	GB 1346706	A	19740213	GB 1972-47446	19721013
	JP 49047333	A2	19740508	JP 1972-101945	19721013
	AT 319203	B	19741210	AT 1972-8793	19721013
PRAI	FR 1971-36840		19711013		

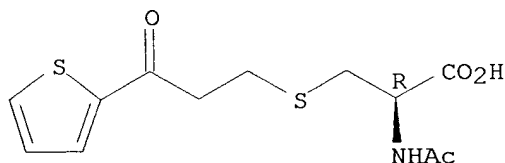
IT **42293-74-3P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 42293-74-3 CAPLUS

CN L-Cysteine, N-acetyl-S-[3-oxo-3-(2-thienyl)propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

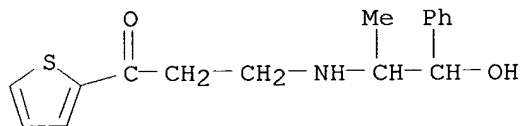


L5 ANSWER 333 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1973:136051 CAPLUS

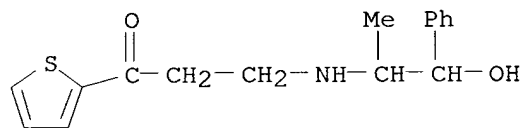
V. Balasubramanian

DN 78:136051
TI 2-3-Phenyl-3(hydroxypropylamino) ethyl-3-thienyl ketone
IN Posselt, Klaus; Thiele, Kurt
SO U.S., 7 pp. Continuation-in-part of U.S. 3,514,465 (CA 73:7724n).
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3715369	A	19730206	US 1970-23455	19700327
	DE 1670547	A	19701112	DE 1966-D51911	19661230
	DE 1543538	A1	19760205	DE 1966-D51910	19661230
	US 3514465	A	19700526	US 1967-693138	19671226
PRAI	DE 1966-D51910		19661230		
	DE 1966-D51911		19661230		
	US 1967-693138		19671226		
IT	28745-68-8P 28745-69-9P 28745-70-2P 28745-76-8P 28745-86-0P 28745-90-6P 28763-18-0P 38977-57-0P RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)				
RN	28745-68-8	CAPLUS			
CN	1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)				



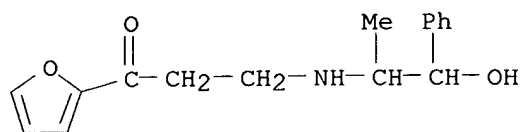
RN 28745-69-9 CAPLUS
CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-,
hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 28745-70-2 CAPLUS
CN 1-Propanone, 1-(2-furanyl)-3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-,
hydrochloride (9CI) (CA INDEX NAME)

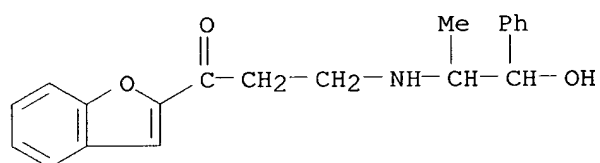
V. Balasubramanian



● HCl

RN 28745-76-8 CAPLUS

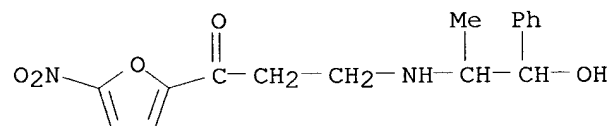
CN 1-Propanone, 1-(2-benzofuranyl)-3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 28745-86-0 CAPLUS

CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(5-nitro-2-furanyl)-, monohydrochloride (9CI) (CA INDEX NAME)

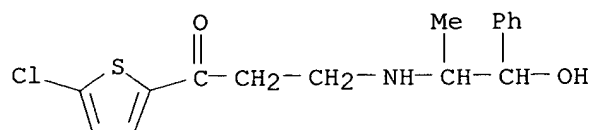


● HCl

RN 28745-90-6 CAPLUS

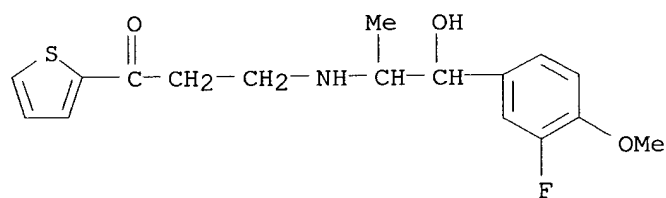
CN 1-Propanone, 1-(5-chloro-2-thienyl)-3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-, hydrochloride (9CI) (CA INDEX NAME)

V. Balasubramanian



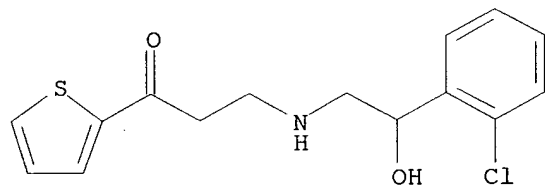
● HCl

RN 28763-18-0 CAPLUS
CN 1-Propanone, 3-[[2-(3-fluoro-4-methoxyphenyl)-2-hydroxy-1-methylethyl]amino]-1-(2-thienyl)-, hydrochloride, (+)-(9CI) (CA INDEX NAME)



● HCl

RN 38977-57-0 CAPLUS
CN 1-Propanone, 3-[[2-(2-chlorophenyl)-2-hydroxyethyl]amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

L5 ANSWER 334 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1973:43169 CAPLUS
DN 78:43169
TI Amino- and hydroxyamino derivatives of arylfurans
AU Oleinik, A. F.; Vozyakova, T. I.; Modnikova, G. A.; Novitskii, K. Yu.
CS Vses. Nauchno-Issled. Khim.-Farm. Inst. im. Ordzhonikidze, Moscow, USSR
SO Khimiya Geterotsiklicheskikh Soedinenii (1972), (11), 1148-52
CODEN: KGSSAQ; ISSN: 0132-6244

V. Balasubramanian

DT Journal

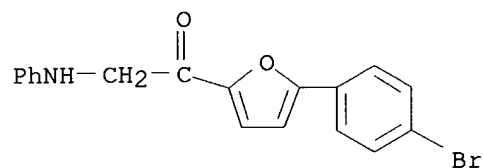
LA Russian

IT 39170-20-2P 39170-22-4P 39170-23-5P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

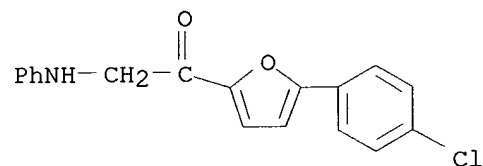
RN 39170-20-2 CAPLUS

CN Ethanone, 1-[5-(4-bromophenyl)-2-furanyl]-2-(phenylamino)- (9CI) (CA
INDEX NAME)



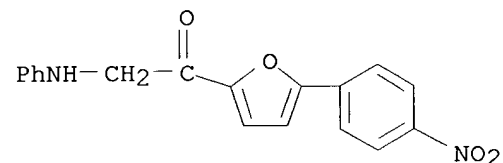
RN 39170-22-4 CAPLUS

CN Ethanone, 1-[5-(4-chlorophenyl)-2-furanyl]-2-(phenylamino)- (9CI) (CA
INDEX NAME)



RN 39170-23-5 CAPLUS

CN Ethanone, 1-[5-(4-nitrophenyl)-2-furanyl]-2-(phenylamino)- (9CI) (CA
INDEX NAME)



L5 ANSWER 335 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1972:552179 CAPLUS

DN 77:152179

TI Pyrazole and pyrazolinone amino ketones

IN Posselt, Klaus; Enkheim, Bergen; Thiele, Kurt

PA deut ge

SO U.S., 6 pp. Continuation-in-part of U.S. 3,514,465 (CA 76;72214n).

CODEN: USXXAM

DT Patent

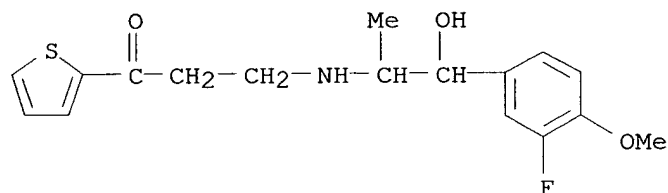
LA English

FAN.CNT 5

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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V. Balasubramanian

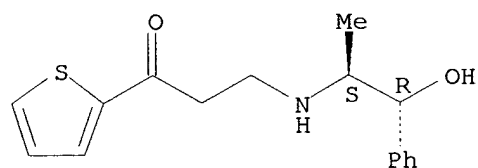
PI US 3686206 A 19720822 US 1970-19511 19700313
 DE 1670547 A 19701112 DE 1966-D51911 19661230
 DE 1543538 A1 19760205 DE 1966-D51910 19661230
 FR 8021 M 19700803 FR 1967-8021 19671229
 GB 1203810 A 19700903 GB 1967-1203810 19671229
 AT 286978 B 19710111 AT 1967-11809 19671229
 PRAI DE 1966-D51910 19661230
 DE 1966-D51911 19661230
 IT **28763-18-0P 35576-10-4P 35576-11-5P**
35580-11-1P 35580-23-5P 35580-28-0P
38977-57-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 28763-18-0 CAPLUS
 CN 1-Propanone, 3-[[2-(3-fluoro-4-methoxyphenyl)-2-hydroxy-1-methylethyl]amino]-1-(2-thienyl)-, hydrochloride, (+)- (9CI) (CA INDEX NAME)



● HCl

RN 35576-10-4 CAPLUS
 CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-, hydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

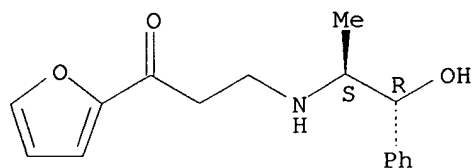


● HCl

RN 35576-11-5 CAPLUS
 CN 1-Propanone, 1-(2-furanyl)-3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-, hydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

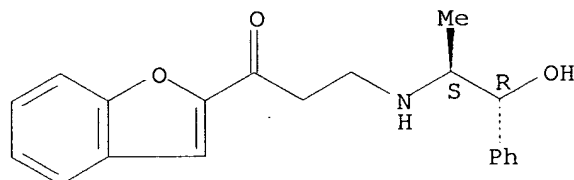
V. Balasubramanian



● HCl

RN 35580-11-1 CAPLUS
CN 1-Propanone, 1-(2-benzofuranyl)-3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-, hydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

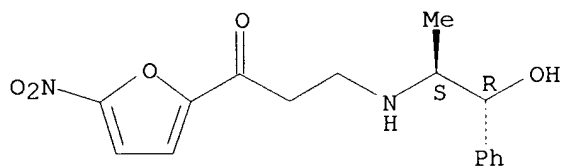
Absolute stereochemistry.



● HCl

RN 35580-23-5 CAPLUS
CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(5-nitro-2-furanyl)-, monohydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

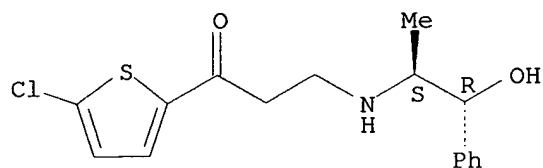


● HCl

RN 35580-28-0 CAPLUS
CN 1-Propanone, 1-(5-chloro-2-thienyl)-3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-, hydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

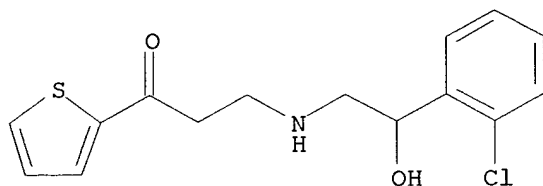
Absolute stereochemistry.

V. Balasubramanian



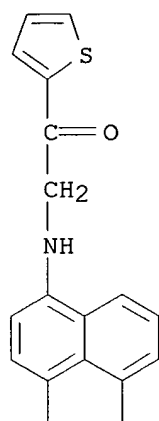
● HCl

RN 38977-57-0 CAPLUS
CN 1-Propanone, 3-[[2-(2-chlorophenyl)-2-hydroxyethyl]amino]-1-(2-thienyl)-,
hydrochloride (9CI) (CA INDEX NAME)



● HCl

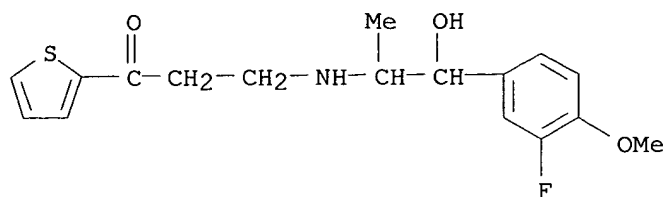
L5 ANSWER 336 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1972:551801 CAPLUS
DN 77:151801
TI Carcinogenic nitrogen compounds. LXXXII. Polycyclic indoles by the
Mohlau-Bischler synthesis
AU Bigot, P.; Saint-Ruf, G.; Buu-Hoi, N. P.
CS Cent. Marcel Delepine, CNRS, Orleans-La-Source, Fr.
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and
Bio-Organic Chemistry (1972-1999) (1972), (20), 2573-6
CODEN: JCPRB4; ISSN: 0300-922X
DT Journal
LA English
IT **38855-46-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 38855-46-8 CAPLUS
CN Ethanone, 2-[(1,2-dihydro-5-acenaphthylenyl)amino]-1-(2-thienyl)- (9CI)
(CA INDEX NAME)



L5 ANSWER 337 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1972:419630 CAPLUS
 DN 77:19630
 TI Benzothiophene amino ketones and amino alcohols
 IN Posselt, Klaus; Thiele, Kurt
 PA Deutsche Gold- und Silber-Scheideanstalt vorm. Roessler
 SO U.S., 5 pp. Division of U.S. 3,514,465 (CA 73;77214m).
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3658845	A	19720425	US 1970-18300	19700310
	DE 1670547	A	19701112	DE 1966-D51911	19661230
	DE 1543538	A1	19760205	DE 1966-D51910	19661230
	FR 8021	M	19700803	FR 1967-8021	19671229
	GB 1203810	A	19700903	GB 1967-1203810	19671229
	AT 286978	B	19710111	AT 1967-11809	19671229
	US 3859305	A	19750107	US 1971-137575	19710426
PRAI	DE 1966-D51910		19661230		
	DE 1966-D51911		19661230		
	US 1967-693138		19671226		
	US 1970-18300		19700310		
IT	28763-18-0P 35576-10-4P 35576-11-5P				
	35580-11-1P 35580-23-5P 35580-28-0P				
	37421-99-1P				
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(prepn. of)				
RN	28763-18-0	CAPLUS			
CN	1-Propanone, 3-[[2-(3-fluoro-4-methoxyphenyl)-2-hydroxy-1-methylethyl]amino]-1-(2-thienyl)-, hydrochloride, (+)-(9CI) (CA INDEX NAME)				

V. Balasubramanian

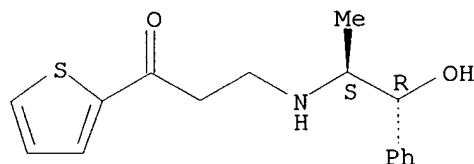


● HCl

RN 35576-10-4 CAPLUS

CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-, hydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

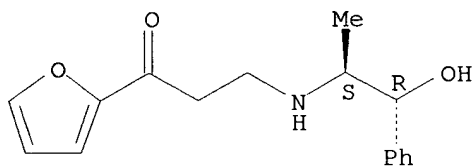


● HCl

RN 35576-11-5 CAPLUS

CN 1-Propanone, 1-(2-furanyl)-3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-, hydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



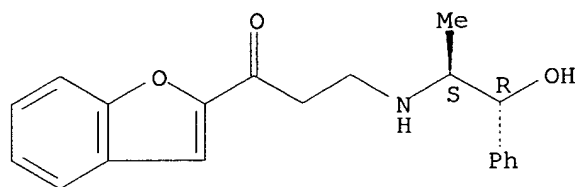
● HCl

RN 35580-11-1 CAPLUS

CN 1-Propanone, 1-(2-benzofuranyl)-3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-, hydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

V. Balasubramanian

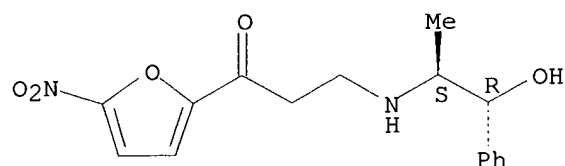


● HCl

RN 35580-23-5 CAPLUS

CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(5-nitro-2-furanyl)-, monohydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

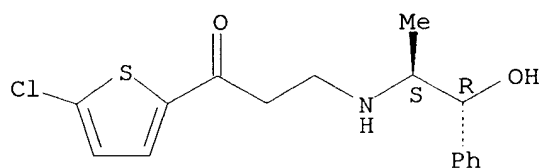


● HCl

RN 35580-28-0 CAPLUS

CN 1-Propanone, 1-(5-chloro-2-thienyl)-3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-, hydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

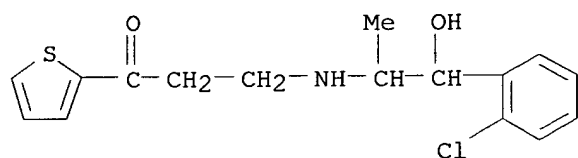


● HCl

RN 37421-99-1 CAPLUS

CN 1-Propanone, 3-[[2-(2-chlorophenyl)-2-hydroxy-1-methylethyl]amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)

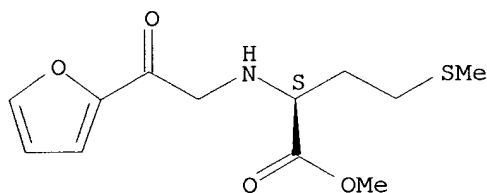
V. Balasubramanian



● HCl

L5 ANSWER 338 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1972:113497 CAPLUS
DN 76:113497
TI Mass spectral studies of N-(2-furacyl)glycine and related compounds
AU Lipton, Samuel H.; Dutky, Robert C.
CS Hum. Nutr. Res. Div., Agric. Res. Serv., Beltsville, MD, USA
SO Journal of Agricultural and Food Chemistry (1972), 20(2), 235-7
CODEN: JAFCAU; ISSN: 0021-8561
DT Journal
LA English
IT **35644-05-4**
RL: PROC (Process)
(mass spectrum and NMR of)
RN 35644-05-4 CAPLUS
CN L-Methionine, N-[2-(2-furanyl)-2-oxoethyl]-, methyl ester, hydrochloride
(9CI) (CA INDEX NAME)

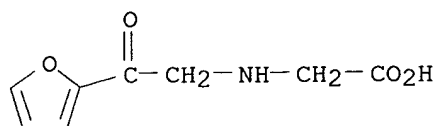
Absolute stereochemistry.



● HCl

IT **30888-19-8 35644-06-5 35644-09-8**
RL: PRP (Properties)
(mass spectrum of)
RN 30888-19-8 CAPLUS
CN Glycine, N-[2-(2-furanyl)-2-oxoethyl]-, hydrochloride (9CI) (CA INDEX NAME)

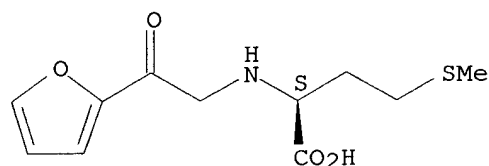
V. Balasubramanian



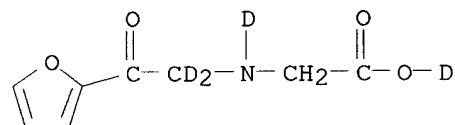
● HCl

RN 35644-06-5 CAPLUS
CN L-Methionine, N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



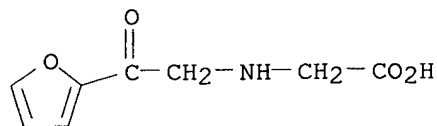
RN 35644-09-8 CAPLUS
CN Glycine-N,1-d2, N-[2-(2-furanyl)-2-oxoethyl-1,1-d2]-, hydrochloride-d
(9CI) (CA INDEX NAME)



● DCl

L5 ANSWER 339 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1972:113496 CAPLUS
DN 76:113496
TI Further chemical studies of N-(2-furacyl)glycine
AU Lipton, Samuel H.; Bodwell, C. E.
CS Hum. Nutr. Res. Div., Agric. Res. Serv., Beltsville, MD, USA
SO Journal of Agricultural and Food Chemistry (1972), 20(2), 232-4
CODEN: JAFCAU; ISSN: 0021-8561
DT Journal
LA English
IT **30888-19-8**
RL: RCT (Reactant); RACT (Reactant or reagent)
(hydrogenation of, Maillard reaction in relation to)
RN 30888-19-8 CAPLUS
CN Glycine, N-[2-(2-furanyl)-2-oxoethyl]-, hydrochloride (9CI) (CA INDEX NAME)

V. Balasubramanian



● HCl

L5 ANSWER 340 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1972:113205 CAPLUS
DN 76:113205
TI Thiazolyl and pyridyl amino alcohols
IN Posselt, Klaus; Thiele, Kurt
PA Deutsche Gold- und Silber-Scheideanstalt vorm. Roessler
SO U.S., 6 pp. Continuation-in-part of U.S. 3,514,465 (CA 73;77214n).
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

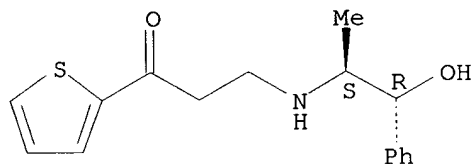
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3631055	A	19711228	US 1970-18279	19700310
PRAI	US 1970-18279		19700310		
IT	35576-09-1P 35576-10-4P 35576-11-5P 35580-11-1P 35580-23-5P 35580-26-8P 35580-28-0P 35580-29-1P				

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 35576-09-1 CAPLUS

CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-,
[R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

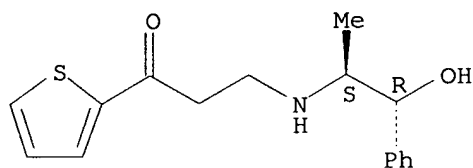


RN 35576-10-4 CAPLUS

CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-,
hydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

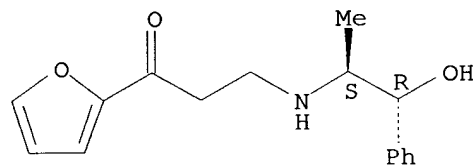
V. Balasubramanian



● HCl

RN 35576-11-5 CAPLUS
CN 1-Propanone, 1-(2-furanyl)-3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-, hydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

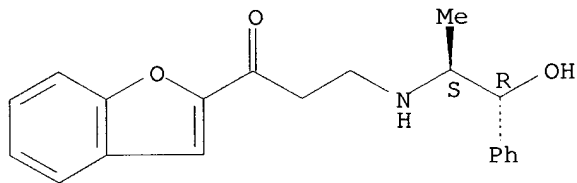
Absolute stereochemistry.



● HCl

RN 35580-11-1 CAPLUS
CN 1-Propanone, 1-(2-benzofuranyl)-3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-, hydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

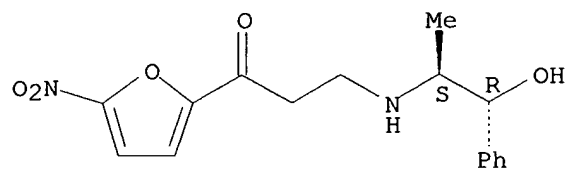


● HCl

RN 35580-23-5 CAPLUS
CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(5-nitro-2-furanyl)-, monohydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

V. Balasubramanian

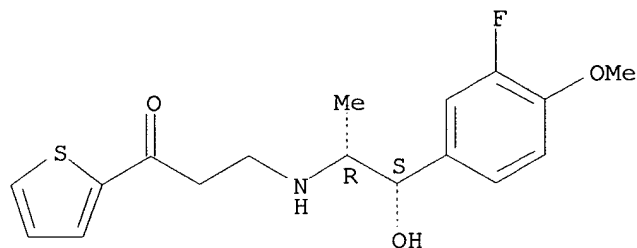


● HCl

RN 35580-26-8 CAPLUS

CN 1-Propanone, 3-[[2-(3-fluoro-4-methoxyphenyl)-2-hydroxy-1-methylethyl]amino]-1-(2-thienyl)-, hydrochloride, (R*,S*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

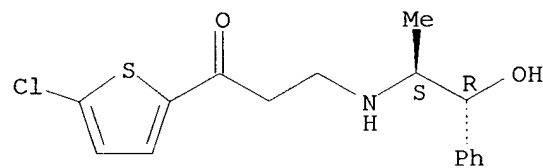


● HCl

RN 35580-28-0 CAPLUS

CN 1-Propanone, 1-(5-chloro-2-thienyl)-3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-, hydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



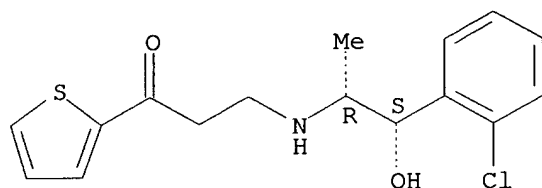
● HCl

RN 35580-29-1 CAPLUS

CN 1-Propanone, 3-[[2-(2-chlorophenyl)-2-hydroxy-1-methylethyl]amino]-1-(2-thienyl)-, hydrochloride, (R*,S*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

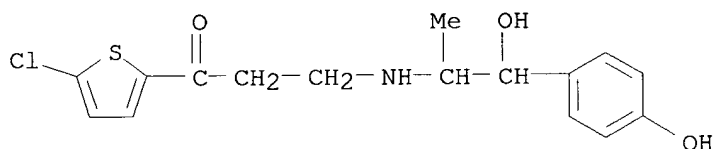
V. Balasubramanian



● HCl

L5 ANSWER 341 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1972:59440 CAPLUS
DN 76:59440
TI 3-[2-(p-Hydroxyphenyl)-2-hydroxy-1-methylethylamino]propionyl-substituted
indoles, (benzo)furans, and (benzo)thiophenes
IN Posselt, Klaus
PA Deutsche Gold- und Silber-Scheideanstalt vorm. Roessler
SO Ger. Offen., 23 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2121104	A	19711111	DE 1971-2121104	19710429
	AT 306710	B	19730425	AT 1970-3964	19700430
	CH 555333	A	19741031	CH 1971-4582	19710330
	FR 2092114	A5	19720121	FR 1971-15375	19710429
	FR 2092114	B1	19740823		
	JP 55029978	B4	19800807	JP 1972-42562	19720426
PRAI	AT 1970-3964		19700430		
IT	35056-53-2P 35056-56-5P 35056-57-6P 35056-60-1P 35075-66-2P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)				
RN	35056-53-2	CAPLUS			
CN	1-Propanone, 1-(5-chloro-2-thienyl)-3-[[2-hydroxy-2-(4-hydroxyphenyl)-1-methylethylamino]-, hydrochloride (9CI) (CA INDEX NAME)				

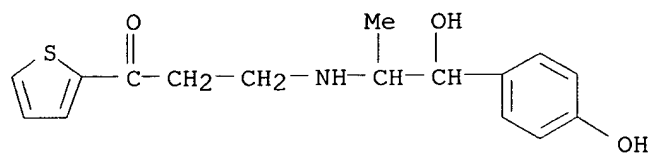


● HCl

RN 35056-56-5 CAPLUS
CN 1-Propanone, 3-[[2-hydroxy-2-(4-hydroxyphenyl)-1-methylethylamino]-1-(2-

V. Balasubramanian

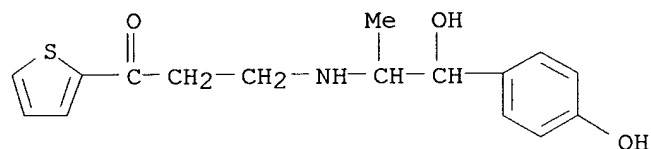
thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

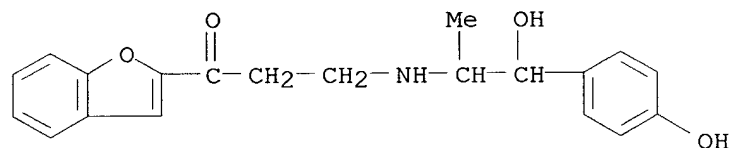
RN 35056-57-6 CAPLUS

CN 1-Propanone, 3-[[2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl]amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



RN 35056-60-1 CAPLUS

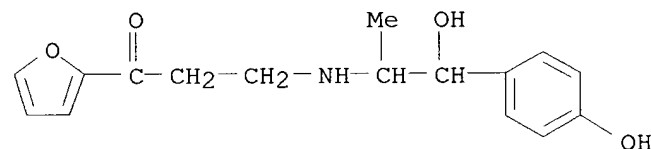
CN 1-Propanone, 1-(2-furanyl)-3-[[2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl]amino]-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 35075-66-2 CAPLUS

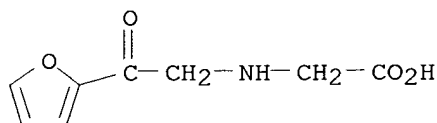
CN 1-Propanone, 1-(2-furanyl)-3-[[2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl]amino]-, hydrochloride (9CI) (CA INDEX NAME)



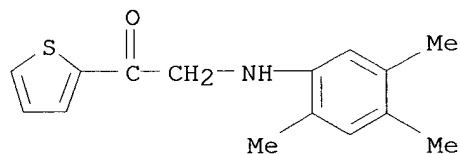
● HCl

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L5 ANSWER 342 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1972:4135 CAPLUS
DN 76:4135
TI Effect of various acids on the formation of N-(2-furacyl)glycine from fructose-glycine
AU Lipton, S. H.; Dutky, R. C.
CS Hum. Nutr. Res. Div., Agric. Res. Serv., Beltsville, MD, USA
SO Chemistry & Industry (London, United Kingdom) (1971), (39), 1099-100
CODEN: CHINAG; ISSN: 0009-3068
DT Journal
LA English
IT **30888-18-7P**
RL: FORM (Formation, nonpreparative); PREP (Preparation)
(formation of, by dehydration of fructose-glycine)
RN 30888-18-7 CAPLUS
CN Glycine, N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)



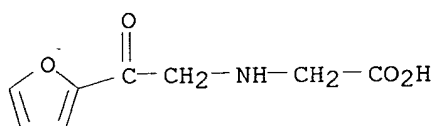
L5 ANSWER 343 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1971:498390 CAPLUS
DN 75:98390
TI Carcinogenic nitrogen compounds. LXXII. Moehlau-Bischler reaction as a preparative route to 2-arylindoles
AU Buu-Hoi, N. P.; Saint-Ruf, G.; Deschamps, D.; Bigot, P.; Hieu, H. T.
CS Cent. Marcel Delepine, CNRS, Orleans-La Source, Fr.
SO Journal of the Chemical Society [Section] C: Organic (1971), (15), 2606-9
CODEN: JSOAX; ISSN: 0022-4952
DT Journal
LA English
IT **33554-98-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 33554-98-2 CAPLUS
CN Ketone, 2-thienyl (2,4,5-trimethylanilino)methyl (8CI) (CA INDEX NAME)



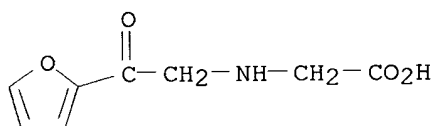
L5 ANSWER 344 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1971:49622 CAPLUS
DN 74:49622

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TI N-(2-Furacyl)glycine-a furan amino acid derived from fructose-glycine
AU Lipton, Samuel H.; Finegold, Harold; Dutky, Robert C.
CS Hum. Nutr. Res. Div., Agric. Res. Serv., Beltsville, MD, USA
SO Journal of Agricultural and Food Chemistry (1971), 19(1), 125-9
CODEN: JAFCAU; ISSN: 0021-8561
DT Journal
LA English
IT **30888-18-7P 30888-19-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 30888-18-7 CAPLUS
CN Glycine, N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)



RN 30888-19-8 CAPLUS
CN Glycine, N-[2-(2-furanyl)-2-oxoethyl]-, hydrochloride (9CI) (CA INDEX NAME)



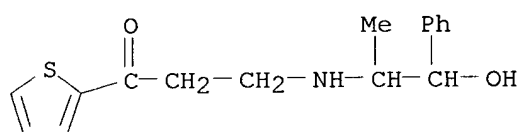
● HCl

L5 ANSWER 345 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1970:477214 CAPLUS
DN 73:77214
TI Coronary dilating 2-(3-phenyl-3-hydroxy-2-propylamino)ethyl heterocyclic ketones
IN Posselt, Klaus; Enkheim, Bergen; Thiel, Kurt
PA Deutsche Gold- und Silber-Scheideanstalt vorm. Roessler
SO U.S., 6 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 5

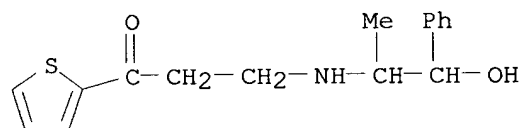
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 3514465	A	19700526	US 1967-693138	19671226
	DE 1670547	A	19701112	DE 1966-D51911	19661230
	DE 1543538	A1	19760205	DE 1966-D51910	19661230
	FR 8021	M	19700803	FR 1967-8021	19671229
	GB 1203810	A	19700903	GB 1967-1203810	19671229
	AT 286978	B	19710111	AT 1967-11809	19671229

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	US 3715369	A	19730206	US 1970-23455	19700327
	US 3859305	A	19750107	US 1971-137575	19710426
PRAI	DE 1966-D51910		19661230		
	DE 1966-D51911		19661230		
	US 1967-693138		19671226		
	US 1970-18300		19700310		
IT	28745-68-8P 28745-69-9P 28745-70-2P				
	28745-76-8P 28745-86-0P 28745-90-6P				
	28763-18-0P 28763-19-1P				
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(prepn. of)				
RN	28745-68-8 CAPLUS				
CN	1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)				

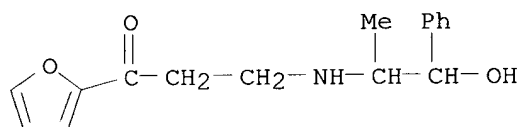


RN 28745-69-9 CAPLUS
 CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-,
 hydrochloride (9CI) (CA INDEX NAME)



● HCl

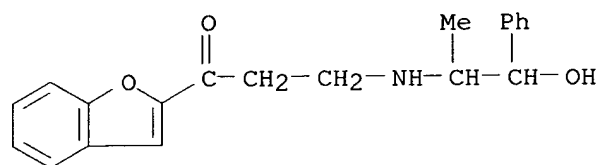
RN 28745-70-2 CAPLUS
 CN 1-Propanone, 1-(2-furanyl)-3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-,
 hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 28745-76-8 CAPLUS
 CN 1-Propanone, 1-(2-benzofuranyl)-3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-,
 hydrochloride (9CI) (CA INDEX NAME)

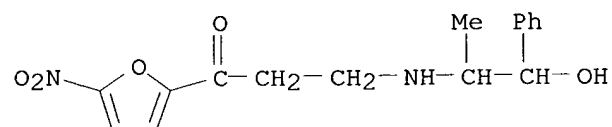
V. Balasubramanian



● HCl

RN 28745-86-0 CAPLUS

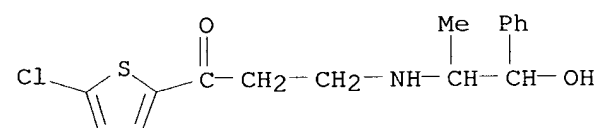
CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(5-nitro-2-furanyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 28745-90-6 CAPLUS

CN 1-Propanone, 1-(5-chloro-2-thienyl)-3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-, hydrochloride (9CI) (CA INDEX NAME)

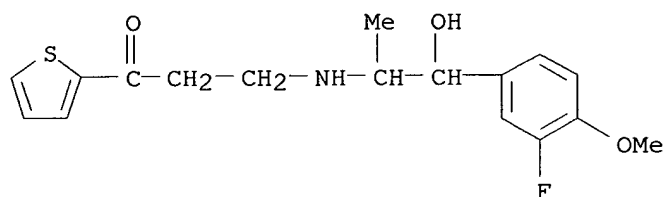


● HCl

RN 28763-18-0 CAPLUS

CN 1-Propanone, 3-[[2-(3-fluoro-4-methoxyphenyl)-2-hydroxy-1-methylethyl]amino]-1-(2-thienyl)-, hydrochloride, (+)- (9CI) (CA INDEX NAME)

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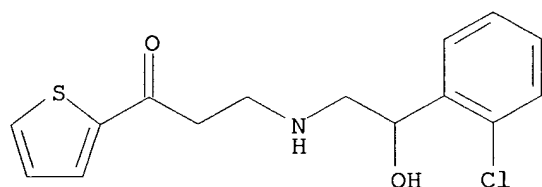


● HCl

RN 28763-19-1 CAPLUS

CN 1-Propanone, 3-[(o-chloro-beta-hydroxyphenethyl)amino]-1-(2-thienyl)-, hydrochloride (8CI) (CA INDEX NAME)

Rotation (+).



● HCl

L5 ANSWER 346 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1970:465129 CAPLUS

DN 73:65129

TI Loss of lysine during manufacture and storage of milk powder

AU Erbersdobler, Helmut

CS Inst. Tierphysiol., Univ. Muenchen, Munich, Fed. Rep. Ger.

SO Milchwissenschaft (1970), 25(5), 280-4

CODEN: MILCAD; ISSN: 0026-3788

DT Journal

LA German

IT **19746-33-9**

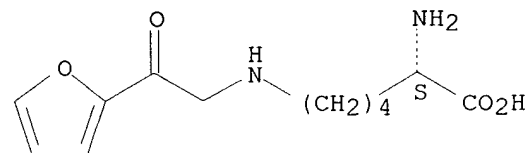
RL: BIOL (Biological study)

(of dry milk, as lysine source)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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L5 ANSWER 347 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1970:456113 CAPLUS

DN 73:56113

TI Ketones of the thiamine series

PA Arzneimittelwerk Fischer o.H.G.

SO Fr. Demande, 7 pp.

CODEN: FRXXBL

DT Patent

LA French

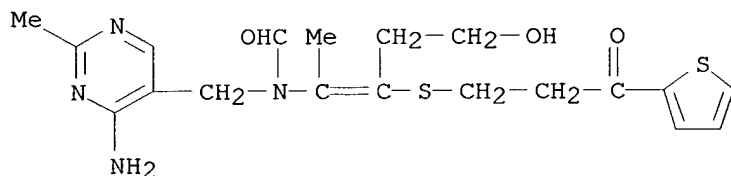
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2007874		19700116		
PRAI	DE		19680506		
IT	28568-77-6P				

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 28568-77-6 CAPLUS

CN Formamide, N-[(4-amino-2-methyl-5-pyrimidinyl)methyl]-N-[4-hydroxy-1-methyl-2-[[2-(2-thenoyl)ethyl]thio]-1-butenyl]- (8CI) (CA INDEX NAME)



L5 ANSWER 348 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1970:402725 CAPLUS

DN 73:2725

TI Decomposition of fructose lysine in dehydrated vegetable food and in a model mixture following thermal treatment

AU Sulser, Hans; Buechi, W.

CS Forschungsinstit., Knorr Naehrmittel A.-G., Zurich, Switz.

SO Lebensmittel-Wissenschaft und -Technologie (1969), 2(5), 105-8

CODEN: LBWTAP; ISSN: 0023-6438

DT Journal

LA German

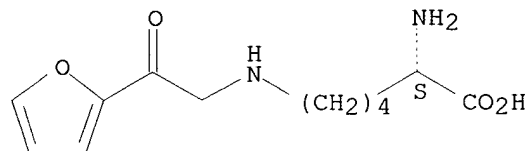
IT **19746-33-9**

RL: BIOL (Biological study)
(in foods, thermal processing in relation to)

RN 19746-33-9 CAPLUS

CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



09/817,374

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L5 ANSWER 349 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1970:43637 CAPLUS
DN 72:43637
TI Antidepressant azecino- and azonino[5,4-b]indoles
IN Houlihan, William J.; Manning, Robert E.
PA Sandoz Inc.
SO U.S., 4 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

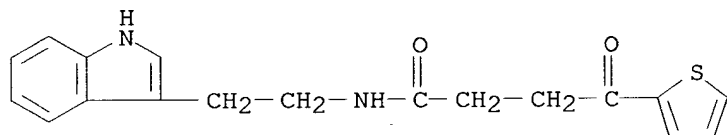
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3478051	A	19691111	US 1967-623801	19670317
PRAI	US 1967-623801		19670317		

IT **25220-72-8P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 25220-72-8 CAPLUS

CN 2-Thiophenebutyramide, N-(2-indol-3-ylethyl)-.gamma.-oxo- (8CI) (CA INDEX NAME)

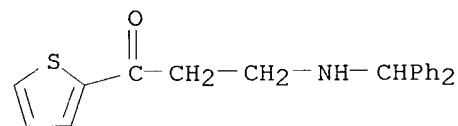


L5 ANSWER 350 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1969:501431 CAPLUS
DN 71:101431
TI Analogs of prenylamine [as potential coronary vasodilators]
AU Collino, Franco
CS Inst. Chem. Farm. Tossicol., Univ. Trieste, Trieste, Italy
SO Bollettino Chimico Farmaceutico (1969), 108(6), 255-67
CODEN: BCFAAI; ISSN: 0006-6648
DT Journal
LA Italian
IT **23934-69-2P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

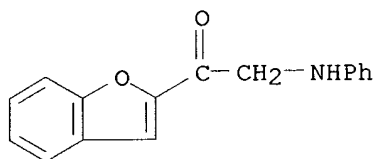
RN 23934-69-2 CAPLUS

CN 1-Propanone, 3-[(diphenylmethyl)amino]-1-(2-thienyl)- (8CI) (CA INDEX NAME)

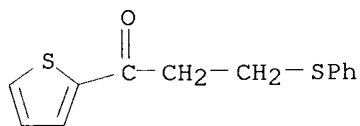


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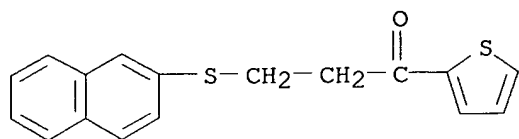
L5 ANSWER 351 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1969:461479 CAPLUS
DN 71:61479
TI Synthesis of phosphoranes containing benzofuran rings
AU Shevchuk, M. I.; Antonyuk, A. S.; Dombrovskii, A. V.
CS Chernovits. Gos. Univ., Chernovtsy, USSR
SO Zhurnal Obshchei Khimii (1969), 39(4), 860-9
CODEN: ZOKHA4; ISSN: 0044-460X
DT Journal
LA Russian
IT **23618-26-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 23618-26-0 CAPLUS
CN Ketone, anilinomethyl 2-benzofuranyl (8CI) (CA INDEX NAME)



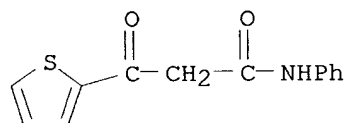
L5 ANSWER 352 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1969:403225 CAPLUS
DN 71:3225
TI Synthesis of sulfur heterocyclics. IV. Synthesis of thianaphthalenium and thiaphenanthrenium perchlorates
AU Tilak, Bal D.; Panse, G. T.
CS Nat. Chem. Lab., Poona, India
SO Indian Journal of Chemistry (1969), 7(3), 191-5
CODEN: IJOCAP; ISSN: 0019-5103
DT Journal
LA English
IT **22956-37-2P 23117-91-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 22956-37-2 CAPLUS
CN 1-Propanone, 3-(phenylthio)-1-(2-thienyl)- (8CI) (CA INDEX NAME)



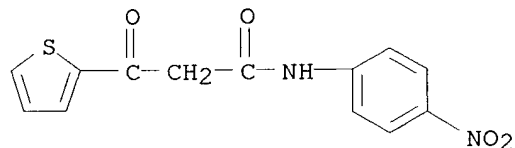
RN 23117-91-1 CAPLUS
CN 1-Propanone, 3-(2-naphthylthio)-1-(2-thienyl)- (8CI) (CA INDEX NAME)



L5 ANSWER 353 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1969:114432 CAPLUS
 DN 70:114432
 TI Effect of substituents on the fragmentation of aromatic compound molecular ions. V. Acylacetanilides
 AU Nekrasov, Yu. S.; Vul'fson, N. S.; Puchkov, V. A.
 CS Inst. Khim. Prir. Soedin., Moscow, USSR
 SO Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1969), (1), 35-40
 CODEN: IASKA6; ISSN: 0002-3353
 DT Journal
 LA Russian
 IT 23058-91-5 23058-92-6 23058-93-7
 23058-94-8 23058-95-9 23058-96-0
 23058-97-1 23059-04-3 23059-05-4
 23059-06-5 23059-07-6 23059-08-7
 23059-09-8 23059-10-1
 RL: PRP (Properties)
 (mass spectrum of)
 RN 23058-91-5 CAPLUS
 CN 2-Thiophenepropanamide, .beta.-oxo-N-phenyl- (9CI) (CA INDEX NAME)

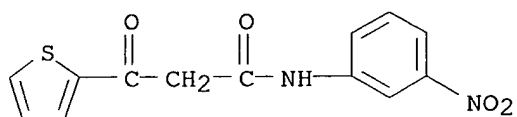


RN 23058-92-6 CAPLUS
 CN 2-Thiophenepropananilide, 4'-nitro-.beta.-oxo- (6CI, 8CI) (CA INDEX NAME)



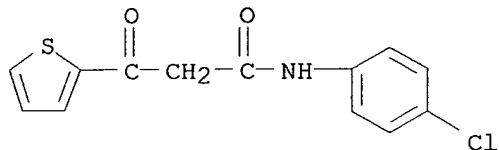
RN 23058-93-7 CAPLUS
 CN 2-Thiophenepropananilide, 3'-nitro-.beta.-oxo- (6CI, 8CI) (CA INDEX NAME)

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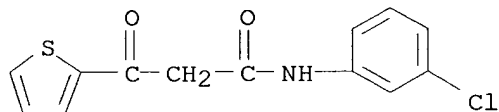
RN 23058-94-8 CAPLUS

CN 2-Thiophenepropanamide, N-(4-chlorophenyl)-.beta.-oxo- (9CI) (CA INDEX NAME)



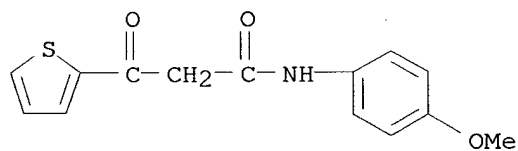
RN 23058-95-9 CAPLUS

CN 2-Thiophenepropionanilide, 3'-chloro-.beta.-oxo- (6CI, 8CI) (CA INDEX NAME)



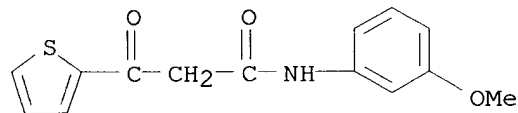
RN 23058-96-0 CAPLUS

CN 2-Thiophenepropion-p-anisidide, .beta.-oxo- (6CI, 8CI) (CA INDEX NAME)



RN 23058-97-1 CAPLUS

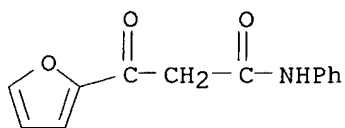
CN 2-Thiophenepropion-m-anisidide, .beta.-oxo- (6CI, 8CI) (CA INDEX NAME)



RN 23059-04-3 CAPLUS

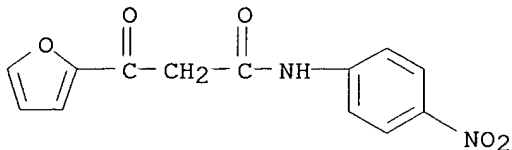
CN 2-Furanpropionanilide, .beta.-oxo- (6CI, 8CI) (CA INDEX NAME)

V. Balasubramanian



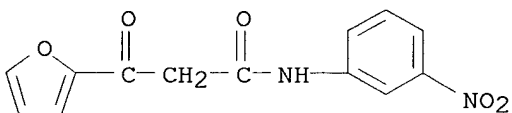
RN 23059-05-4 CAPLUS

CN 2-Furanpropionanilide, 4'-nitro-.beta.-oxo- (6CI, 8CI) (CA INDEX NAME)



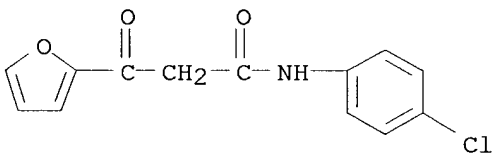
RN 23059-06-5 CAPLUS

CN 2-Furanpropionanilide, 3'-nitro-.beta.-oxo- (6CI, 8CI) (CA INDEX NAME)



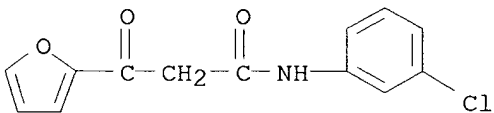
RN 23059-07-6 CAPLUS

CN 2-Furanpropionanilide, 4'-chloro-.beta.-oxo- (6CI, 8CI) (CA INDEX NAME)



RN 23059-08-7 CAPLUS

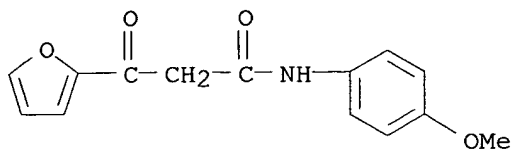
CN 2-Furanpropionanilide, 3'-chloro-.beta.-oxo- (6CI, 8CI) (CA INDEX NAME)



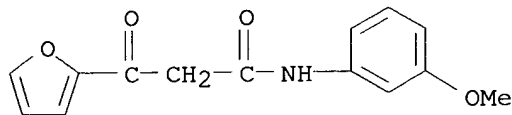
RN 23059-09-8 CAPLUS

CN 2-Furanpropion-p-anisidide, .beta.-oxo- (6CI, 8CI) (CA INDEX NAME)

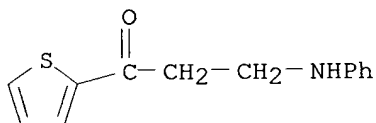
V. Balasubramanian



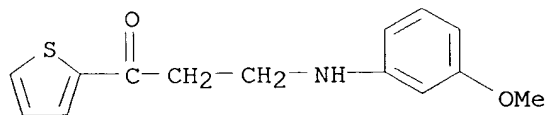
RN 23059-10-1 CAPLUS
CN 2-Furanpropion-m-anisidide, .beta.-oxo- (6CI, 8CI) (CA INDEX NAME)



L5 ANSWER 354 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1969:37630 CAPLUS
DN 70:37630
TI Synthesis of nitrogen heterocyclics. I. Synthesis of quinolines and benzoquinolines
AU Tilak, Bal D.; Ravindranathan, T.; Subbaswami, K. N.
CS Nat. Chem. Lab., Poona, India
SO Indian Journal of Chemistry (1968), 6(8), 422-7
CODEN: IJOCAP; ISSN: 0019-5103
DT Journal
LA English
IT **21280-44-4P 21280-46-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 21280-44-4 CAPLUS
CN 1-Propanone, 3-(phenylamino)-1-(2-thienyl)- (9CI) (CA INDEX NAME)



RN 21280-46-6 CAPLUS
CN 1-Propanone, 3-[(3-methoxyphenyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



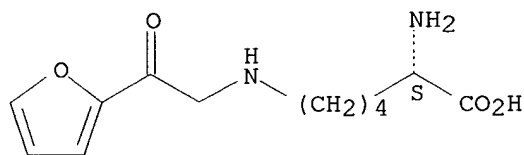
L5 ANSWER 355 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1969:27734 CAPLUS

09/817,374

V. Balasubramanian

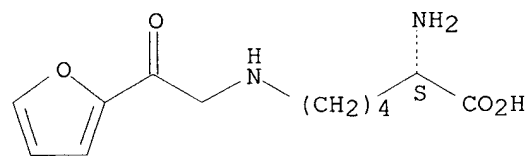
DN 70:27734
TI Identification of a new lysine derivative obtained upon acid hydrolysis of heated milk
AU Finot, Paul A.; Bricout, J.; Viani, R.; Mauron, J.
CS Res. Lab. Nestle's Prod., Vevey, Switz.
SO Experientia (1968), 24(11), 1097-9
CODEN: EXPEAM; ISSN: 0014-4754
DT Journal
LA English
IT **19746-33-9**
RL: BIOL (Biological study)
(a new amino acid)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 356 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1968:487421 CAPLUS
DN 69:87421
TI Browning reactions and fragmentation of carbohydrates. V. Degradation of fructose amino acids to N-(2-furoylmethyl) amino acids. Intermediates in browning reactions
AU Heyns, K.; Heukeshoven, J.; Brose, K. H.
CS Univ. Hamburg, Hamburg, Fed. Rep. Ger.
SO Angewandte Chemie, International Edition in English (1968), 7(8), 628-9
CODEN: ACIEAY; ISSN: 0570-0833
DT Journal
LA English
IT **19746-33-9P**
RL: FORM (Formation, nonpreparative); PREP (Preparation)
(formation of, from degradation of .epsilon.-fructose-lysine)
RN 19746-33-9 CAPLUS
CN L-Lysine, N6-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

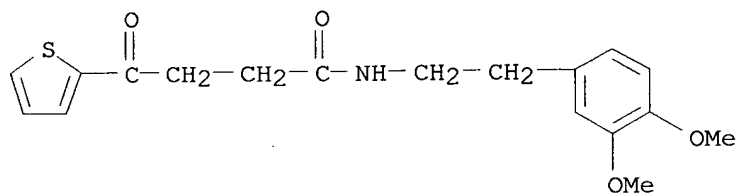


L5 ANSWER 357 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1968:467247 CAPLUS
DN 69:67247
TI 1,2-Trimethylene(and tetramethylene)-1,2,3,4-tetrahydroisoquinolines
IN Houlihan, William J.; Manning, Robert E.

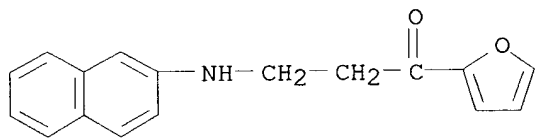
V. Balasubramanian

PA Sandoz Ltd.
SO Fr., 8 pp.
CODEN: FRXXAK
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 1490023		19670728		
PRAI	US		19650817		
IT	19373-20-7P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)				
RN	19373-20-7	CAPLUS			
CN	2-Thiophenebutyramide, N-(3,4-dimethoxyphenethyl)-.gamma.-oxo- (8CI) (CA INDEX NAME)				

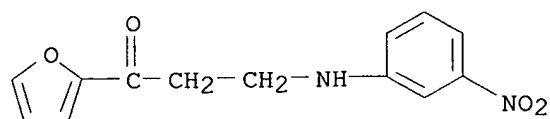


L5 ANSWER 358 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1967:453946 CAPLUS
DN 67:53946
TI Synthesis of .beta.-arylamino ketones of the furan series
AU Ardashev, B. I.; Malik, I. S.
CS Novocherk. Politekh. Inst., Novocherkask, USSR
SO Khimiya Geterotsiklicheskikh Soedinenii (1967), (1), 7-9
CODEN: KGSSAQ; ISSN: 0132-6244
DT Journal
LA Russian
IT **15057-31-5P 15057-32-6P 15057-33-7P**
15057-34-8P 15147-02-1P 15147-14-5P
15147-15-6P 15147-16-7P 15263-10-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 15057-31-5 CAPLUS
CN 1-Propanone, 1-(2-furyl)-3-(2-naphthylamino)- (8CI) (CA INDEX NAME)



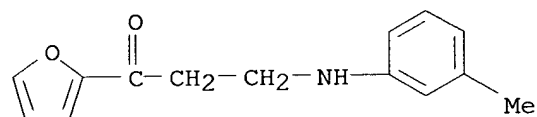
RN 15057-32-6 CAPLUS
CN 1-Propanone, 1-(2-furyl)-3-[(3-nitrophenyl)amino]- (9CI) (CA INDEX NAME)

V. Balasubramanian



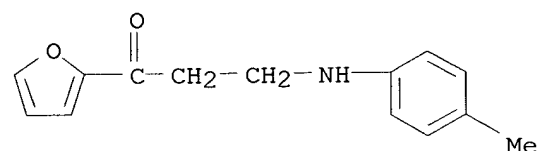
RN 15057-33-7 CAPLUS

CN 1-Propanone, 1-(2-furyl)-3-m-toluidino- (8CI) (CA INDEX NAME)



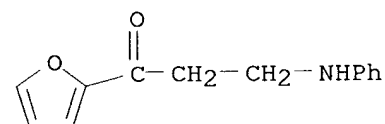
RN 15057-34-8 CAPLUS

CN 1-Propanone, 1-(2-furanyl)-3-[(4-methylphenyl)amino]- (9CI) (CA INDEX NAME)



RN 15147-02-1 CAPLUS

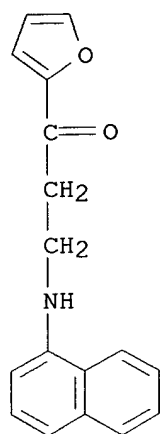
CN 1-Propanone, 1-(2-furanyl)-3-(phenylamino)- (9CI) (CA INDEX NAME)



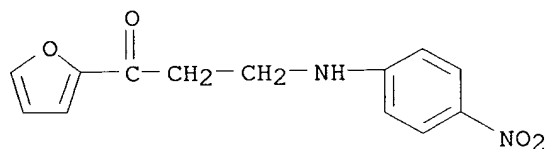
RN 15147-14-5 CAPLUS

CN 1-Propanone, 1-(2-furyl)-3-(1-naphthylamino)- (8CI) (CA INDEX NAME)

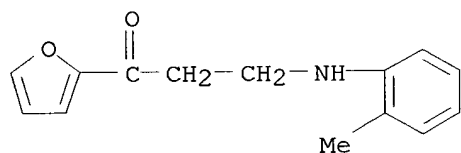
V. Balasubramanian



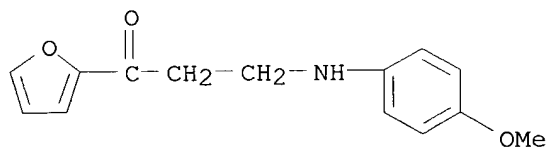
RN 15147-15-6 CAPLUS
CN 1-Propanone, 1-(2-furanyl)-3-[(4-nitrophenyl)amino]- (9CI) (CA INDEX NAME)



RN 15147-16-7 CAPLUS
CN 1-Propanone, 1-(2-furyl)-3-o-toluidino- (8CI) (CA INDEX NAME)



RN 15263-10-2 CAPLUS
CN 1-Propanone, 1-(2-furanyl)-3-[(4-methoxyphenyl)amino]- (9CI) (CA INDEX NAME)

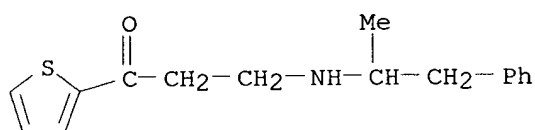


L5 ANSWER 359 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1967:46160 CAPLUS

09/817,374

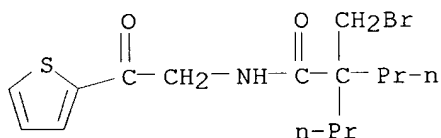
V. Balasubramanian

DN 66:46160
TI New method for preparation of diaryl alkyl amines
AU Klosa, Josef
CS Privatlab., Berlin-Zehlendorf, Germany
SO Journal fuer Praktische Chemie (Leipzig) (1966), 34(5-6), 312-34
CODEN: JPCEAO; ISSN: 0021-8383
DT Journal
LA German
IT **13732-63-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 13732-63-3 CAPLUS
CN 1-Propanone, 3-[(.alpha.-methylphenethyl)amino]-1-(2-thienyl)-,
hydrochloride (8CI) (CA INDEX NAME)



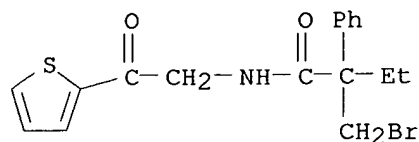
● HCl

L5 ANSWER 360 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1966:507921 CAPLUS
DN 65:107921
OREF 65:20083a-h,20084a-e
TI Substances acting on the central nervous system. XLVI. Chemistry of the
2-azetidinones
AU Testa, Emilio; Pifferi, Giorgio; Fontanella, Luigi; Aresi, Vanna
CS Forschungsabt. Lepetit S.p.A., Milan
SO Ann. Chem. (1966), 696, 108-15
DT Journal
LA German
IT **10242-93-0**, Valeramide, 2-(bromomethyl)-2-propyl-N-(2-
thenoylmethyl)- **10242-94-1**, Butyramide, 2-(bromomethyl)-2-phenyl-
N-(2-thenoylmethyl)-
(prepn. of)
RN 10242-93-0 CAPLUS
CN Valeramide, 2-(bromomethyl)-2-propyl-N-(2-thenoylmethyl)- (7CI, 8CI) (CA
INDEX NAME)



RN 10242-94-1 CAPLUS
CN Butyramide, 2-(bromomethyl)-2-phenyl-N-(2-thenoylmethyl)- (7CI, 8CI) (CA
INDEX NAME)

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L5 ANSWER 361 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1966:420616 CAPLUS

DN 65:20616

OREF 65:3800f-h,3801a-c

TI Tranquilizing aminophenones

IN Fleming, R. W.; Hauck, F. P., Jr.

PA Parke, Davis & Co.

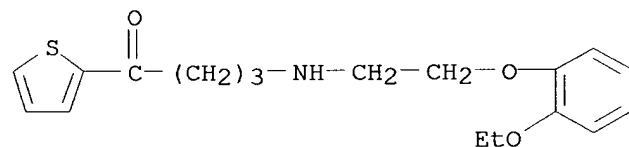
SO 23 pp.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	BE 668124		19651201	BE	
	GB 1041090			GB	
PRAI	US		19640812		
IT	6797-77-9,		1-Butanone, 4-[[2-(o-ethoxyphenoxy)ethyl]amino]-1-(2-thienyl)-, hydrochloride (prepn. of)		
RN	6797-77-9	CAPLUS			
CN	Ketone, 3-[[2-(o-ethoxyphenoxy)ethyl]amino]propyl 2-thienyl, hydrochloride (8CI) (CA INDEX NAME)				



● HCl

L5 ANSWER 362 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1966:412768 CAPLUS

DN 65:12768

OREF 65:2379h,2380a-c

TI Oxazolocyanines. III. Merocyanines from 5-aryloxazoles

AU Syeh, E. D.; Belaya, Zh. N.; Umanskaya, L. P.; Smaznaya-Il'ina, E. D.

SO Ukr. Khim. Zh. (1966), 32(3), 274-8

DT Journal

LA Russian

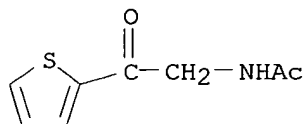
IT 6660-07-7, Acetamide, N-(2-thienylmethyl)- (prepn. of)

RN 6660-07-7 CAPLUS

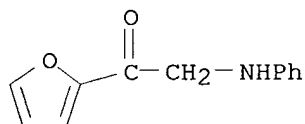
09/817,374

V. Balasubramanian

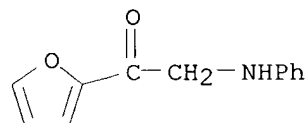
CN Acetamide, N-(2-thenoylmethyl)- (6CI, 7CI, 8CI) (CA INDEX NAME)



L5 ANSWER 363 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1965:410032 CAPLUS
DN 63:10032
OREF 63:1762a-g
TI Thiophene 1-oxide
AU Prochazka, M.
CS Karlova Univ., Prague
SO Collection Czech. Chem. Commun. (1965), 30(4), 1158-68
DT Journal
LA German
IT **2745-36-0**, Ketone, anilinomethyl 2-furyl
(prepn. of)
RN 2745-36-0 CAPLUS
CN Ethanone, 1-(2-furanyl)-2-(phenylamino)- (9CI) (CA INDEX NAME)

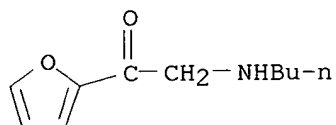


L5 ANSWER 364 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1965:410031 CAPLUS
DN 63:10031
OREF 63:1761g-h,1762a
TI Furan series. XXXVII. Reaction of 2-vinylfuran oxide with ammonia and amines
AU Novitskii, K. Yu.; Oleinik, A. F.; Naidenova, N. M.; Yur'ev, Yu. K.
SO Zh. Organ. Khim. (1965), 1(3), 541-5
DT Journal
LA Russian
IT **2745-36-0**, Ketone, anilinomethyl 2-furyl **2745-37-1**,
Ketone, (butylamino)methyl 2-furyl
(prepn. of)
RN 2745-36-0 CAPLUS
CN Ethanone, 1-(2-furanyl)-2-(phenylamino)- (9CI) (CA INDEX NAME)

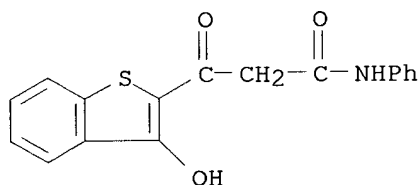


V. Balasubramanian

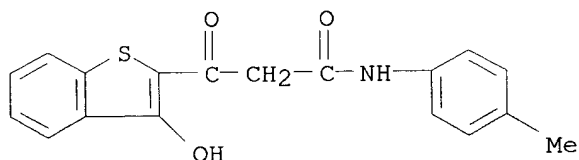
RN 2745-37-1 CAPLUS
CN Ethanone, 2-(butylamino)-1-(2-furanyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 365 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1965:90854 CAPLUS
DN 62:90854
OREF 62:16218g-h,16219a-h,16220a-c
TI Synthesis of substituted linear furano[2,3-g][1]benzopyrones and [3,2-b]thianaphthenopyrones
AU Mustafa, A.; Asker, W.; Hishmat, O. H.; Ali, M. I.; Mansour, A. K. E.; Abed, N. M.; Khalil, K. M. A.; Samy, S. M.
CS Cairo Univ.
SO Tetrahedron (1965), 21(4), 849-59
DT Journal
LA English
IT 2035-57-6, Benzo[b]thiophene-2-propionanilide, 3-hydroxy-.beta.-oxo- 2784-77-2, Benzo[b]thiophene-2-propiono-p-toluidide, 3-hydroxy-.beta.-oxo- (prepn. of)
RN 2035-57-6 CAPLUS
CN Benzo[b]thiophene-2-propanamide, 3-hydroxy-.beta.-oxo-N-phenyl- (9CI) (CA INDEX NAME)



RN 2784-77-2 CAPLUS
CN Benzo[b]thiophene-2-propiono-p-toluidide, 3-hydroxy-.beta.-oxo- (7CI, 8CI) (CA INDEX NAME)

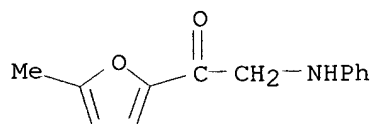


L5 ANSWER 366 OF 409 CAPLUS COPYRIGHT 2003 ACS

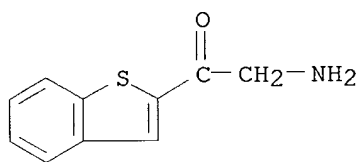
09/817,374

V. Balasubramanian

AN 1965:90708 CAPLUS
DN 62:90708
OREF 62:16169c-e
TI Furan series. XXXV. Syntheses based on 5-methyl-2-bromoacetylfuran
AU Novitskii, K. Yu.; Yur'ev, Yu. K.; Oleinik, A. F.; Borisova, G. V.
CS State Univ., Moscow
SO Zh. Organ. Khim. (1965), 1(2), 386-8
DT Journal
LA Russian
IT **1634-52-2**, Ketone, anilinomethyl 5-methyl-2-furyl
(prepn. of)
RN 1634-52-2 CAPLUS
CN Ketone, anilinomethyl 5-methyl-2-furyl (7CI, 8CI) (CA INDEX NAME)



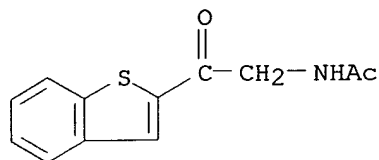
L5 ANSWER 367 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1965:82375 CAPLUS
DN 62:82375
OREF 62:14607e-h,14608a-h
TI N-Alkylalkanolamines of the benzo[b]thiophene series
AU D'Alo, F.; Masserini, A.; Bonacina, F.
CS Lab. Ric. Vister, Casatenovo Brianza, Como, Italy
SO Boll. Chim. Farm. (1964), 103(10), 709-26
DT Journal
LA Italian
IT **1131-96-0**, Ketone, aminomethyl benzo[b]thien-2-yl, hydrobromide
1141-74-8, Acetamide, N-[(benzo[b]thien-2-ylcarbonyl)methyl]-
(prepn. of)
RN 1131-96-0 CAPLUS
CN Ketone, aminomethyl benzo[b]thien-2-yl, hydrobromide (7CI, 8CI) (CA INDEX NAME)



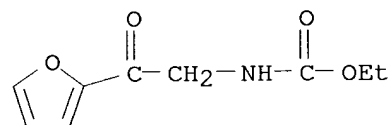
● HBr

RN 1141-74-8 CAPLUS
CN Acetamide, N-[(benzo[b]thien-2-ylcarbonyl)methyl]- (7CI, 8CI) (CA INDEX NAME)

V. Balasubramanian

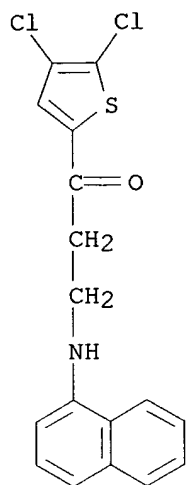


L5 ANSWER 368 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1965:9126 CAPLUS
DN 62:9126
OREF 62:1662g-h,1663a-f
TI Synthesis of certain furyl-substituted polyheterocyclic six-membered rings
AU Holland, Dewey G.; Amstutz, E. D.
CS Lehigh Univ., Bethlehem, PA
SO Rec. Trav. Chim. (1964), 83(9/10), 1047-55
DT Journal
LA English
IT **946-09-8**, Carbamic acid, (2-furoylmethyl)-, ethyl ester
(prepn. of)
RN 946-09-8 CAPLUS
CN Carbamic acid, (2-furoylmethyl)-, ethyl ester (7CI, 8CI) (CA INDEX NAME)

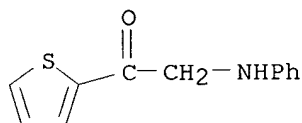


L5 ANSWER 369 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1964:447716 CAPLUS
DN 61:47716
OREF 61:8254f-h,8255a-h,8256a-h,8257a-b
TI Chlorothiophenes
AU Profit, E.; Solf, G.
SO J. Prakt. Chem. (1964), 24(1-2), 38-73
DT Journal
LA Unavailable
IT **94374-78-4**, 1-Propanone, 1-(4,5-dichloro-2-thienyl)-3-(1-naphthylamino)-
(prepn. of)
RN 94374-78-4 CAPLUS
CN 1-Propanone, 1-(4,5-dichloro-2-thienyl)-3-(1-naphthylamino)- (7CI) (CA INDEX NAME)

V. Balasubramanian



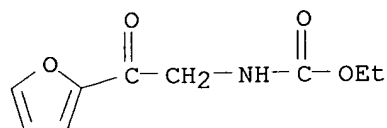
L5 ANSWER 370 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1964:90669 CAPLUS
DN 60:90669
OREF 60:15810g-h,15811a
TI Preparation of vinyl-2-furyl and vinyl 2-thienyl ketones
AU Shevchuk, M. I.; Dombrovskii, A. V.
CS State Univ., Chernovtsy
SO -Zh. Obshch. Khim. (1964), 34(3), 916-19
DT Journal
LA Unavailable
IT **91568-99-9**, Ketone, anilinomethyl 2-thienyl
(prepn. of)
RN 91568-99-9 CAPLUS
CN Ethanone, 2-(phenylamino)-1-(2-thienyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 371 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1964:75438 CAPLUS
DN 60:75438
OREF 60:13260d-f
TI Hydroxyalkyl and hydroxyalkoxyalkyl isocyanurate phosphites and
phosphonates
IN Gutttag, Alvin
PA Union Carbide Corp.
SO 3 pp.
DT Patent
LA Unavailable
PATENT NO. KIND DATE APPLICATION NO. DATE

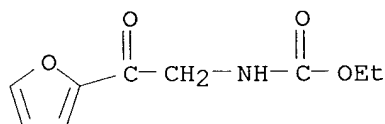
V. Balasubramanian

PI US 3121082 19640211 US 19620522
IT 946-09-8, Carbamic acid, (2-furoylmethyl)-, ethyl ester
(prepn. of)
RN 946-09-8 CAPLUS
CN Carbamic acid, (2-furoylmethyl)-, ethyl ester (7CI, 8CI) (CA INDEX NAME)



L5 ANSWER 372 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1964:75437 CAPLUS
DN 60:75437
OREF 60:13260a-d
TI 4,5-Dihydro-6-(5-nitro-2-furyl)-as-triazine- or -pyridazine-3(2H)-one
IN Burch, H. A.
PA Norwich Pharmacal Co.
SO 9 pp.
DT Patent
LA Unavailable

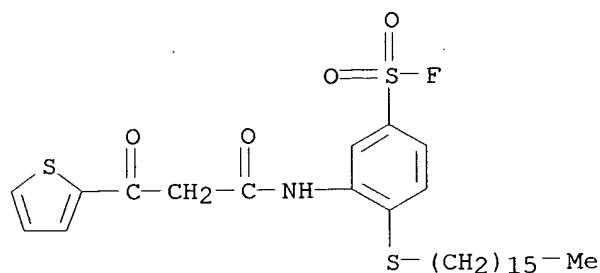
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	BE 630438		19630801	BE	
	DE 1185618			DE	
	DE 1222066			DE	
	FR 1353798			FR	
	GB 1005041			GB	
	US 3138593		1964	US	
PRAI	US		19620402		
IT	946-09-8, Carbamic acid, (2-furoylmethyl)-, ethyl ester (prepn. of)				
RN	946-09-8 CAPLUS				
CN	Carbamic acid, (2-furoylmethyl)-, ethyl ester (7CI, 8CI)				(CA INDEX NAME)



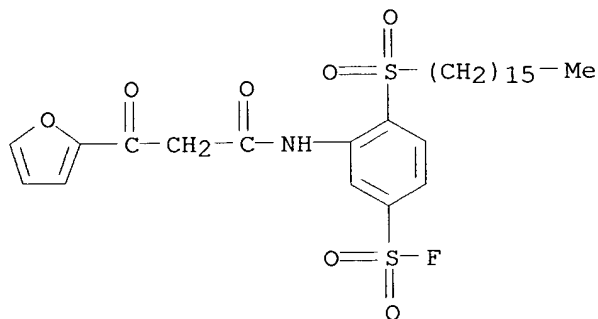
L5 ANSWER 373 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1964:68060 CAPLUS
DN 60:68060
OREF 60:11955b-c
TI Preparation of acylacetanilide sulfonic acids
IN de Cat, Arthur H.; van Poucke, Raphael K.; Verbrugghe, Marcel H.
PA Gevaert Photo-Producten N.V.
SO 14 pp.
DT Patent
LA Unavailable

V. Balasubramanian

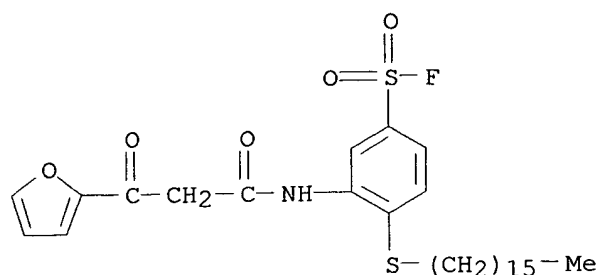
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	BE 603995		19610918	BE	
PRAI	DE		19600519		
IT	1841-24-3 , Metanilyl fluoride, 4-(hexadecylthio)-N-(2-thenoylacetyl)- 2560-85-2 , Metanilyl fluoride, N-(2-furoylacetyl)-4-(hexadecylsulfonyl)- 2839-16-9 , Metanilyl fluoride, N-(2-furoylacetyl)-4-(hexadecylthio)- (prepn. of)				
RN	1841-24-3	CAPLUS			
CN	Metanilyl fluoride, 4-(hexadecylthio)-N-(2-thenoylacetyl)- (7CI, 8CI) (CA INDEX NAME)				



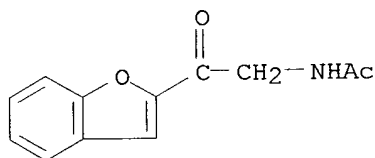
RN 2560-85-2 CAPLUS
 CN Metanilyl fluoride, N-(2-furoylacetyl)-4-(hexadecylsulfonyl)- (7CI, 8CI)
 (CA INDEX NAME)



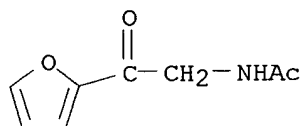
RN 2839-16-9 CAPLUS
 CN Metanilyl fluoride, N-(2-furoylacetyl)-4-(hexadecylthio)- (8CI) (CA INDEX NAME)



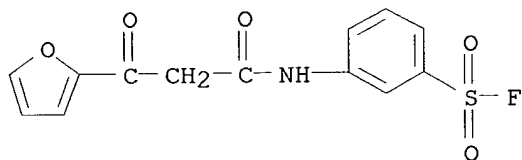
L5 ANSWER 374 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1964:61444 CAPLUS
 DN 60:61444
 OREF 60:10839f-h,10840a
 TI Condensation of N-methyl-o-aminothiophenol with chlorides of .alpha.-halo acids and .alpha.,.beta.-unsaturated acids
 AU Kiprianov, A. I.; Shtets, Ya.
 CS Inst. Org. Chem., Kiev
 SO Zh. Obshch. Khim. (1963), 33(11), 3519-25
 DT Journal
 LA Unavailable
 IT **74599-85-2**, Acetamide, N-[(2-benzofuranylcarbonyl)methyl]- (prepn. of)
 RN 74599-85-2 CAPLUS
 CN Acetamide, N-[2-(2-benzofuranyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 375 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1964:61443 CAPLUS
 DN 60:61443
 OREF 60:10839a-f
 TI Thiazolocyanines. XI. Synthesis of thiazolocyanines from heterocyclic-substituted thiazoles
 AU Sych, E. D.; Smaznaya-II'ina, E. D.
 SO Ukr. Khim. Zh. (1962), 28(9), 1087-95
 DT Journal
 LA Russian
 IT **88352-96-9**, Acetamide, N-(2-furoylmethyl)- (prepn. of)
 RN 88352-96-9 CAPLUS
 CN Acetamide, N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

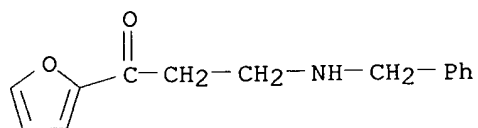


L5 ANSWER 376 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1964:16244 CAPLUS
 DN 60:16244
 OREF 60:2812e-f
 TI Sulfonyl fluorides as intermediates in organic synthesis. I. The synthesis of aminobenzenesulfonyl fluorides and their condensation with .beta.-ketonic esters
 AU de Cat, A.; Van Poucke, R.
 CS Gevaert Photo-Producten N.V., Antwerp, Belg.
 SO J. Org. Chem. (1963), 28(12), 3426-30
 CODEN: JOCEAH; ISSN: 0022-3263
 DT Journal
 LA Unavailable
 IT **2677-07-8**, Metanilyl fluoride, N-(2-furoylacetyl)- (prepn. of)
 RN 2677-07-8 CAPLUS
 CN Metanilyl fluoride, N-(2-furoylacetyl)- (7CI, 8CI) (CA INDEX NAME)



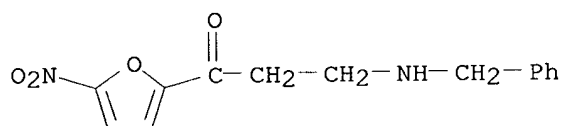
L5 ANSWER 377 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1963:408960 CAPLUS
 DN 59:8960
 OREF 59:1625b-c
 TI New Mannich bases from 2-acetylfuran, 2-furalacetone, and their 5-nitro derivatives
 AU Saldabols, N.; Hillers, S.
 SO Latvijas PSR Zinatnu Akad. Vestis, Kim. Ser. (1962), (No. 2), 309-10
 DT Journal
 LA Russian
 IT **92248-22-1**, 1-Propanone, 3-(benzylamino)-1-(2-furyl)-, hydrochloride **97594-07-5**, 1-Propanone, 3-(benzylamino)-1-(5-nitro-2-furyl)-, hydrochloride (prepn. of)
 RN 92248-22-1 CAPLUS
 CN 1-Propanone, 3-(benzylamino)-1-(2-furyl)-, hydrochloride (7CI) (CA INDEX NAME)

V. Balasubramanian



● HCl

RN 97594-07-5 CAPLUS
CN 1-Propanone, 3-(benzylamino)-1-(5-nitro-2-furyl)-, hydrochloride (7CI)
(CA INDEX NAME)

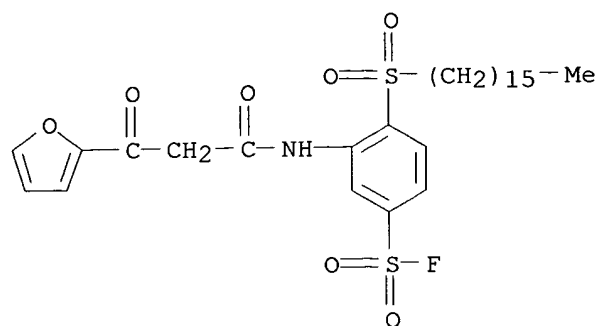


● HCl

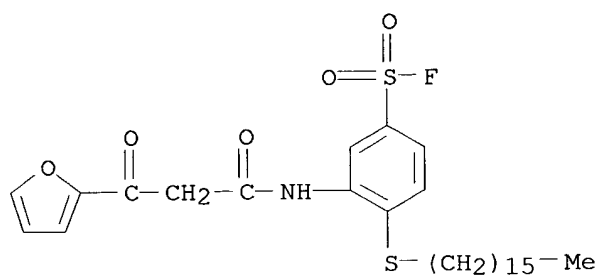
L5 ANSWER 378 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1963:66976 CAPLUS
DN 58:66976
OREF 58:11507d-g
TI Yellow color couplers
IN de Cat, Arthur H.; van Poucke, Raphael K.; Verbrugghe, Marcel H.
PA Gevaert Photo-Producten N.V.
SO 4 pp.
DT Patent
LA Unavailable

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1126400		19620329	DE	19600519
	GB 990627			GB	
	US 3138604		1964	US	
IT	2560-85-2 , Metanilyl fluoride, N-(2-furoylacetyl)-4-(hexadecylsulfonyl)- 2839-16-9 , Metanilyl fluoride, N-(2-furoylacetyl)-4-(hexadecylthio)- 101298-28-6 , Metanilic acid, N-(2-furoylacetyl)-4-(hexadecylthio)-, sodium salt 105863-15-8 , Metanilic acid, N-(2-furoylacetyl)-4-(hexadecylsulfonyl)-, sodium salt (prepn. of)				
RN	2560-85-2 CAPLUS				
CN	Metanilyl fluoride, N-(2-furoylacetyl)-4-(hexadecylsulfonyl)- (7CI, 8CI) (CA INDEX NAME)				

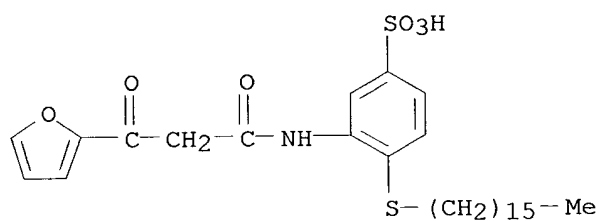
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RN 2839-16-9 CAPLUS
CN Metanilyl fluoride, N-(2-furoylacetyl)-4-(hexadecylthio)- (8CI) (CA INDEX NAME)



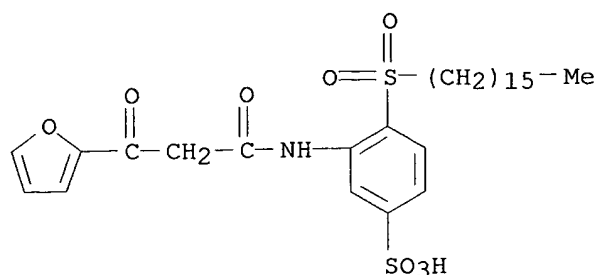
RN 101298-28-6 CAPLUS
CN Metanilic acid, N-(2-furoylacetyl)-4-(hexadecylthio)-, sodium salt (7CI) (CA INDEX NAME)



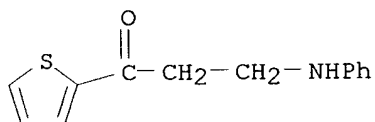
● Na

RN 105863-15-8 CAPLUS
CN Benzenesulfonic acid, 3-[[3-(2-furanyl)-1,3-dioxopropyl]amino]-4-(hexadecylsulfonyl)-, monosodium salt (9CI) (CA INDEX NAME)

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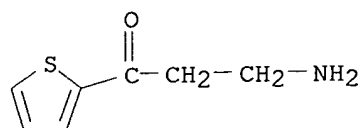


L5 ANSWER 379 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1963:39950 CAPLUS
DN 58:39950
OREF 58:6794e-g
TI Alkylation of aromatic amines by Mannich bases
AU Meshkauskaitė, I.; Urbonaitė, L.
SO Tr. Pyatol Nauchn.-Tekhn. Konf. Stud. Vysshikh Uchebn. Zavedenii
Belorussk. SSR, Latv. SSR, Lit. SSR i Est. SSR (1961) 39-44
DT Journal
LA Unavailable
IT **21280-44-4**, 1-Propanone, 3-anilino-1-(2-thienyl)-
(prepn. of)
RN 21280-44-4 CAPLUS
CN 1-Propanone, 3-(phenylamino)-1-(2-thienyl)- (9CI) (CA INDEX NAME)

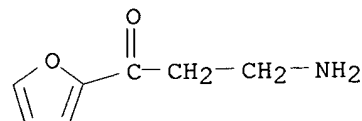


L5 ANSWER 380 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1963:10832 CAPLUS
DN 58:10832
OREF 58:1823h,1824a
TI Amino ketones; kinetics of in vitro antibacterial activity
AU Cheng, Shu-Sing; Jonsson, Sigurdur; Semeniuk, Fred T.
CS Univ. of North Carolina, Chapel Hill
SO J. Pharm. Sci. (1962), 51, 975-80
DT Journal
LA Unavailable
IT **89776-33-0**, 1-Propanone, 3-amino-1-(2-thienyl)- **89937-62-2**
, 1-Propanone, 3-amino-1-(2-furyl)-
(as bactericide)
RN 89776-33-0 CAPLUS
CN 1-Propanone, 3-amino-1-(2-thienyl)- (7CI) (CA INDEX NAME)

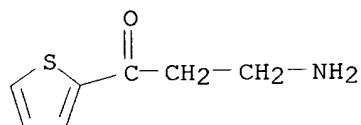
V. Balasubramanian



RN 89937-62-2 CAPLUS
CN 1-Propanone, 3-amino-1-(2-furyl)- (7CI) (CA INDEX NAME)

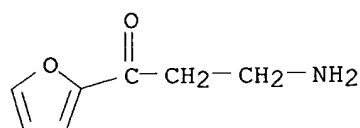


L5 ANSWER 381 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1962:482929 CAPLUS
DN 57:82929
OREF 57:16471i,16472a-d
TI Synthesis of .alpha.- and .beta.-amino ketone analogs of amino acids as
antibacterial agents
AU Cheng, Shu-Sing; Jonsson, Sigurdur; Semeniuk, Fred T.
CS Univ. of North Carolina, Chapel Hill
SO J. Pharm. Sci. (1962), 51, 108-13
DT Journal
LA Unavailable
IT **89776-34-1**, 1-Propanone, 3-amino-1-(2-thienyl)-, hydrochloride
89937-63-3, 1-Propanone, 3-amino-1-(2-furyl)-, hydrochloride
(prepn. of)
RN 89776-34-1 CAPLUS
CN 1-Propanone, 3-amino-1-(2-thienyl)-, hydrochloride (7CI) (CA INDEX NAME)



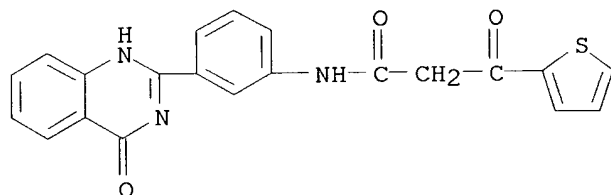
● HCl

RN 89937-63-3 CAPLUS
CN 1-Propanone, 3-amino-1-(2-furyl)-, hydrochloride (7CI) (CA INDEX NAME)



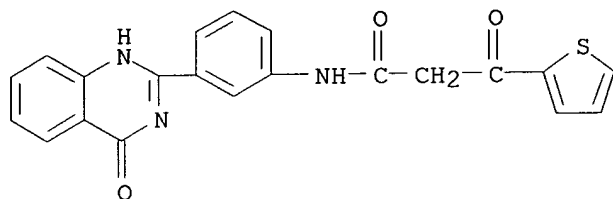
● HCl

L5 ANSWER 382 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1962:44186 CAPLUS
 DN 56:44186
 OREF 56:8331i,8332a-b
 TI Pyrite deposits in the western part of the Mugodzhar Region
 AU Bogdanov, Yu. V.
 SO Materialy Vsesoyuz. Nauch.-Issledovatel. Geol. Inst. (1960), (No.28),
 149-66
 DT Journal
 LA Unavailable
 IT **95702-78-6**, 2-Thiophenepropionanilide, 3'-(3,4-dihydro-4-oxo-2-
 quinazolinyl)-.beta.-oxo-
 (prepn. of)
 RN 95702-78-6 CAPLUS
 CN 2-Thiophenepropionanilide, 3'-(3,4-dihydro-4-oxo-2-quinazolinyl)-.beta.-
 oxo- (7CI) (CA INDEX NAME)



L5 ANSWER 383 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1962:44185 CAPLUS
 DN 56:44185
 OREF 56:8331h-i
 TI The role of selective metasomatism in the formation of ore deposits of the
 pyritic type
 AU Ivanov, S. N.
 SO Congr. Geol. Intern., Compt. Rend., 20th, Mexico City (1959), 1956(Sect.
 11-A), 95-101
 DT Journal
 LA Russian
 IT **95702-78-6**, 2-Thiophenepropionanilide, 3'-(3,4-dihydro-4-oxo-2-
 quinazolinyl)-.beta.-oxo-
 (prepn. of)
 RN 95702-78-6 CAPLUS
 CN 2-Thiophenepropionanilide, 3'-(3,4-dihydro-4-oxo-2-quinazolinyl)-.beta.-
 oxo- (7CI) (CA INDEX NAME)

V. Balasubramanian



L5 ANSWER 384 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1962:43489 CAPLUS

DN 56:43489

OREF 56:8221g-i,8222a

TI Colored photographic images

IN de Cat, Arthur Henri; Tavernier, Bernard H.

PA Gevaert Photo-Producten N.V.

DT Patent

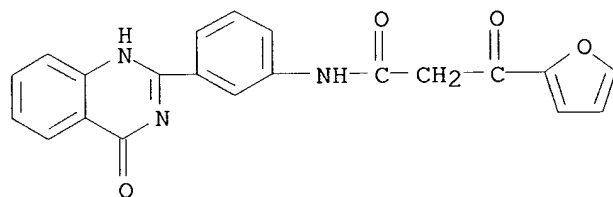
LA Unavailable

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 856158			GB	19570315
	US 2992920		1961	US	

IT **94878-75-8**, 2-Furanpropionanilide, 3'-(3,4-dihydro-4-oxo-2-quinazolinyl)-.beta.-oxo-
(prepn. of)

RN 94878-75-8 CAPLUS

CN 2-Furanpropionanilide, 3'-(3,4-dihydro-4-oxo-2-quinazolinyl)-.beta.-oxo-
(7CI) (CA INDEX NAME)



L5 ANSWER 385 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1962:38375 CAPLUS

DN 56:38375

OREF 56:7250d-h

TI Stereospecific inversion of some 2-furyl .beta.-dialkylaminoethyl ketoximes

AU Angeloni, Annino Sante; Bellotti, Antonio; Pappalardo, Giovanni

CS Univ. Parma, Italy

SO Gazz. Chim. Ital. (1960), 90, 1616-28

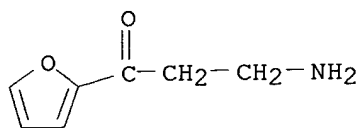
DT Journal

LA Unavailable

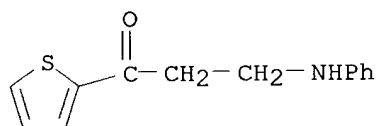
IT **89937-62-2**, 1-Propanone, 3-amino-1-(2-furyl)-
(derivs., oximes, stereoisomerism of)

RN 89937-62-2 CAPLUS

CN 1-Propanone, 3-amino-1-(2-furyl)- (7CI) (CA INDEX NAME)

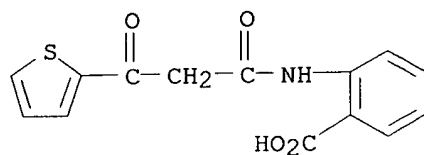


L5 ANSWER 386 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1962:2087 CAPLUS
 DN 56:2087
 OREF 56:363b-h
 TI Alkylation of aromatic amines by the Mannich bases
 AU Denis, G. I.; Butskus, P. F.
 CS V. Kapsukas State Univ., Vilnius
 SO Izvest. Vysshikh Ucheb. Zavedenii, Khim. i Khim. Tekhnol. (1961), 4, 426-8
 DT Journal
 LA Unavailable
 IT **21280-44-4**, 1-Propanone, 3-anilino-1-(2-thienyl)-
 (prepn. of)
 RN 21280-44-4 CAPLUS
 CN 1-Propanone, 3-(phenylamino)-1-(2-thienyl)- (9CI) (CA INDEX NAME)

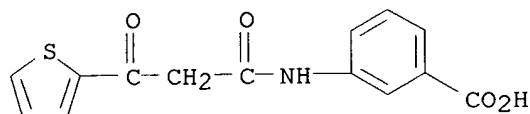


L5 ANSWER 387 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1961:105791 CAPLUS
 DN 55:105791
 OREF 55:19892e-i,19893a-c
 TI Derivatives of acylacetic esters of heterocyclic series. III. Synthesis of
 .alpha.- and .beta.-thenoylacetic esters, arylides and azomethines from
 them
 AU Vul'fson, N. S.; Kolchin, V. E.
 CS Research Inst. Org. Intermed. and Dyes, Moscow
 SO Zhur. Obshchei Khim. (1960), 30, 3425-30
 DT Journal
 LA Unavailable
 IT **109410-44-8**, Anthranilic acid, N-2-thenoylacetyl-
109941-78-8, Benzoic acid, m-[2-(2-thenoyl)acetamido]-
109941-79-9, Benzoic acid, p-[2-(2-thenoyl)acetamido]-
 (prepn. of)
 RN 109410-44-8 CAPLUS
 CN Anthranilic acid, N-2-thenoylacetyl- (6CI) (CA INDEX NAME)

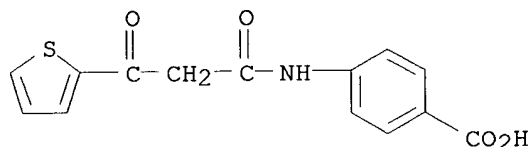
V. Balasubramanian



RN 109941-78-8 CAPLUS
CN Benzoic acid, m-[2-(2-thenoyl)acetamido]- (6CI) (CA INDEX NAME)

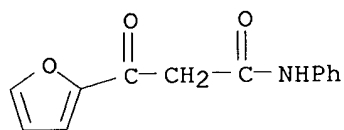


RN 109941-79-9 CAPLUS
CN Benzoic acid, p-[2-(2-thenoyl)acetamido]- (6CI) (CA INDEX NAME)

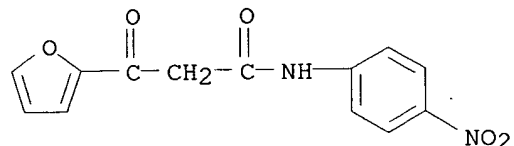


L5 ANSWER 388 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1961:87425 CAPLUS
DN 55:87425
OREF 55:16509a-e
TI Derivatives of acylacetic esters of heterocyclic series. II. Arylides of .alpha.- and .beta.-furoylacetic acids and synthesis of azomethine dyes from them
AU Kolchin, V. E.; Vul'fson, N. S.
SO Zhur. Obshchei Khim. (1960), 30, 3091-5
DT Journal
LA Unavailable
IT **23059-04-3**, 2-Furanpropionanilide, .beta.-oxo- **23059-05-4**, 2-Furanpropionanilide, 4'-nitro-.beta.-oxo- **23059-06-5**, 2-Furanpropionanilide, 3'-nitro-.beta.-oxo- **23059-07-6**, 2-Furanpropionanilide, 4'-chloro-.beta.-oxo- **23059-08-7**, 2-Furanpropionanilide, 3'-chloro-.beta.-oxo- **105946-12-1**, 2-Furanpropionanilide, 2'-chloro-.beta.-oxo- **106166-93-2**, 2-Furanpropionanilide, 2'-nitro-.beta.-oxo- **110179-20-9**, 2-Furanpropion-o-anisidide, .beta.-oxo- (prepn. of)
RN 23059-04-3 CAPLUS
CN 2-Furanpropionanilide, .beta.-oxo- (6CI, 8CI) (CA INDEX NAME)

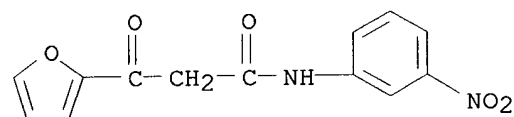
V. Balasubramanian



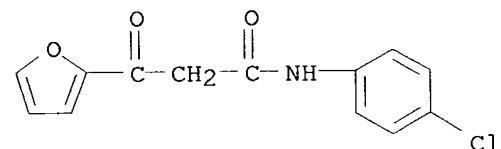
RN 23059-05-4 CAPLUS
CN 2-Furanpropionanilide, 4'-nitro-.beta.-oxo- (6CI, 8CI) (CA INDEX NAME)



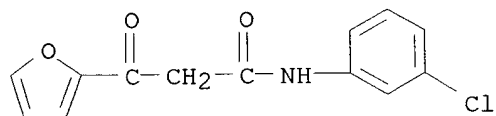
RN 23059-06-5 CAPLUS
CN 2-Furanpropionanilide, 3'-nitro-.beta.-oxo- (6CI, 8CI) (CA INDEX NAME)



RN 23059-07-6 CAPLUS
CN 2-Furanpropionanilide, 4'-chloro-.beta.-oxo- (6CI, 8CI) (CA INDEX NAME)

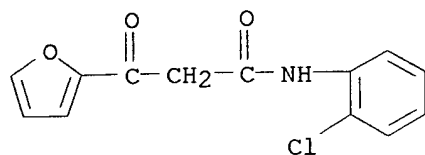


RN 23059-08-7 CAPLUS
CN 2-Furanpropionanilide, 3'-chloro-.beta.-oxo- (6CI, 8CI) (CA INDEX NAME)



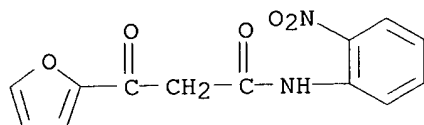
RN 105946-12-1 CAPLUS
CN 2-Furanpropionanilide, 2'-chloro-.beta.-oxo- (6CI) (CA INDEX NAME)

V. Balasubramanian



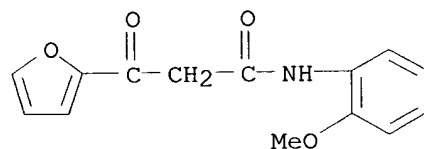
RN 106166-93-2 CAPLUS

CN 2-Furanpropionanilide, 2'-nitro-.beta.-oxo- (6CI) (CA INDEX NAME)



RN 110179-20-9 CAPLUS

CN 2-Furanpropion-o-anisidide, .beta.-oxo- (6CI) (CA INDEX NAME)



L5 ANSWER 389 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1960:128470 CAPLUS

DN 54:128470

OREF 54:24501g-i,24502a-h

TI Synthesis of a new analog of chloramphenicol

AU Rossi, S.; Trave, R.

CS Univ. Milan

SO Farmaco (Pavia) Ed. sci. (1960), 15, 396-405

DT Journal

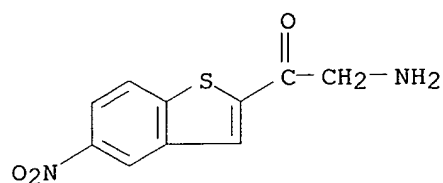
LA Unavailable

IT **114063-92-2**, Ketone, aminomethyl 5-nitrobenzo[b]thien-2-yl, hydrochloride **117000-60-9**, Acetamide, N-[(5-nitrobenzo[b]thien-2-ylcarbonyl)methyl]- (prepn. of)

RN 114063-92-2 CAPLUS

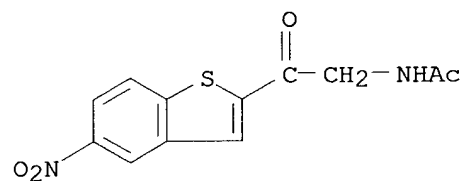
CN Ketone, aminomethyl 5-nitrobenzo[b]thien-2-yl, hydrochloride (6CI) (CA INDEX NAME)

V. Balasubramanian

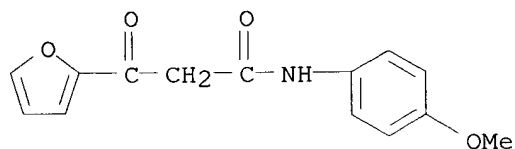


● HCl

RN 117000-60-9 CAPLUS
CN Acetamide, N-[(5-nitrobenzo[b]thien-2-ylcarbonyl)methyl]- (6CI) (CA INDEX NAME)



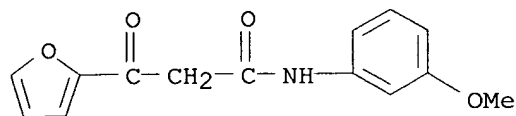
L5 ANSWER 390 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1960:103352 CAPLUS
DN 54:103352
OREF 54:19632c-e
TI Derivatives of acylacetic esters of heterocyclic series. I. Arylamides of .alpha.- and .beta.-furoylacetic acids
AU Vul'fson, N. S.; Kolchin, V. E.
CS K. E. Voroshilov State Research Inst. Org. Intermediates and Dyes, Moscow
SO Zhur. Obshechi Khim. (1959), 29, 3760-2
DT Journal
LA Unavailable
IT 23059-09-8, 2-Furanpropion-p-anisidide, .beta.-oxo-
23059-10-1, 2-Furanpropion-m-anisidide, .beta.-oxo-
107057-74-9, Anthranilic acid, N-2-furoylacetyl-
107558-36-1, Benzoic acid, p-{2-[2-furoyl]acetamido}-
107558-37-2, Benzoic acid, m-{2-[2-furoyl]acetamido}-
110179-20-9, 2-Furanpropion-o-anisidide, .beta.-oxo-
(prepn. of)
RN 23059-09-8 CAPLUS
CN 2-Furanpropion-p-anisidide, .beta.-oxo- (6CI, 8CI) (CA INDEX NAME)



V. Balasubramanian

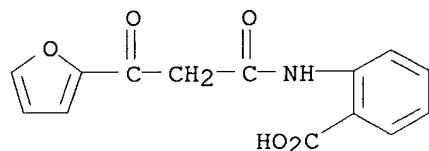
RN 23059-10-1 CAPLUS

CN 2-Furanpropion-m-anisidide, .beta.-oxo- (6CI, 8CI) (CA INDEX NAME)



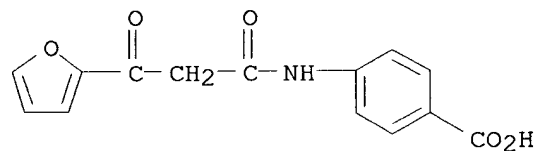
RN 107057-74-9 CAPLUS

CN Anthranilic acid, N-2-furoylacetyl- (6CI) (CA INDEX NAME)



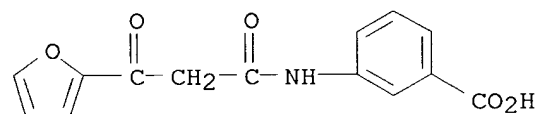
RN 107558-36-1 CAPLUS

CN Benzoic acid, p-[2-(2-furoyl)acetamido]- (6CI) (CA INDEX NAME)



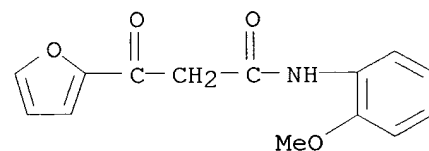
RN 107558-37-2 CAPLUS

CN Benzoic acid, m-[2-(2-furoyl)acetamido]- (6CI) (CA INDEX NAME)



RN 110179-20-9 CAPLUS

CN 2-Furanpropion-o-anisidide, .beta.-oxo- (6CI) (CA INDEX NAME)



L5 ANSWER 391 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1960:79265 CAPLUS

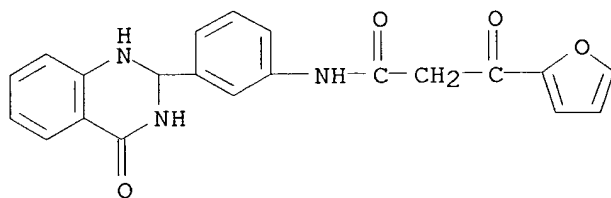
V. Balasubramanian

DN 54:79265
OREF 54:15037f-i,15038a
TI Quinazolone couplers
IN Tavernier, Bernard H.; de Cat, Arthur H.
PA Gevaert Photo-Producten N.V.
DT Patent
LA Unavailable
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	BE 565656		19580701	BE	
IT	113977-77-8 , 2-Furanpropionanilide, 3'-[1,4(or 3,4)-dihydro-4-oxo-2-quinazolinyl]-.beta.-oxo- (prepn. of)				
RN	113977-77-8	CAPLUS			
CN	2-Furanpropionanilide, 3'-(1,4(or 3,4)-dihydro-4-oxo-2-quinazolinyl)-.beta.-oxo- (6CI) (CA INDEX NAME)				

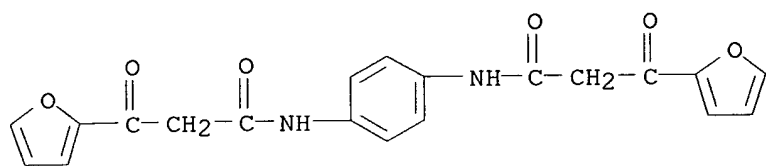
CM 1

CRN 113977-76-7
CMF C21 H17 N3 O4



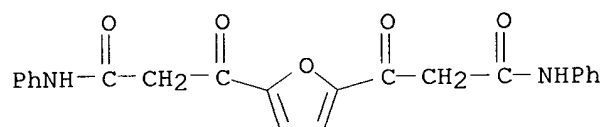
L5 ANSWER 392 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1959:102778 CAPLUS
DN 53:102778
OREF 53:18494b-c
TI Researches on the substantivity of the acylacetarilides. IV
AU Cordella, G.
CS Univ. Bologna, Italy
SO Boll. sci. fac. chim. ind., Bologna (1958), 16, 122-5
DT Journal
LA Unavailable
IT **102007-52-3**, 2-Furanpropionamide, N,N'-p-phenylenebis[.beta.-oxo-
102704-78-9, 2,5-Furandipropionanilide, .beta.,.beta.'-dioxo-
103503-56-6, 2,5-Furandipropionanilide, 4',4''-dichloro-
.beta.,.beta.'-dioxo- **108247-77-4**, 4',4'''-Bi[2-
thiophenepropionanilide], .beta.,.beta.'-dioxo- **108247-78-5**,
4',4'''-Bi[2-furanpropionanilide], .beta.,.beta.'-dioxo-
(substantivity of)
RN 102007-52-3 CAPLUS
CN 2-Furanpropionamide, N,N'-p-phenylenebis[.beta.-oxo- (6CI) (CA INDEX NAME)

V. Balasubramanian



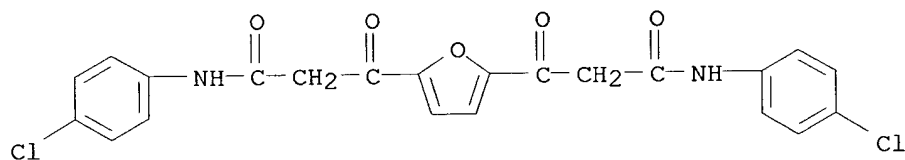
RN 102704-78-9 CAPLUS

CN 2,5-Furandipropionanilide, .beta.,.beta.'-dioxo- (6CI) (CA INDEX NAME)



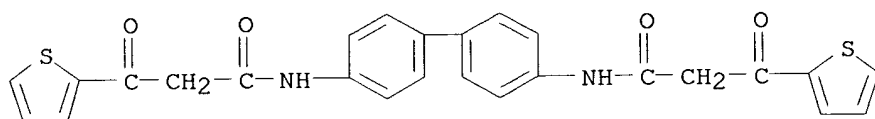
RN 103503-56-6 CAPLUS

CN 2,5-Furandipropionanilide, 4',4''-dichloro-.beta.,.beta.'-dioxo- (6CI)
(CA INDEX NAME)



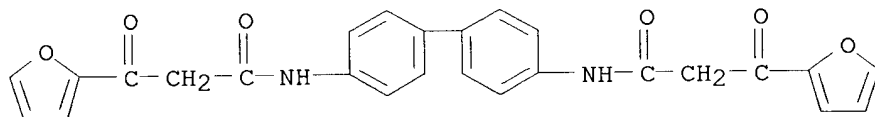
RN 108247-77-4 CAPLUS

CN 4',4'''-Bi[2-thiophenepropionanilide], .beta.,.beta.'-dioxo- (6CI) (CA INDEX NAME)



RN 108247-78-5 CAPLUS

CN 4',4'''-Bi[2-furanpropionanilide], .beta.,.beta.'-dioxo- (6CI) (CA INDEX NAME)

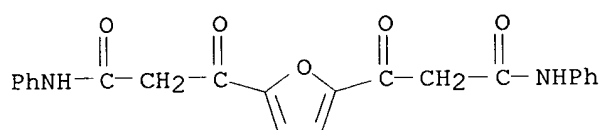


L5 ANSWER 393 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1959:102777 CAPLUS

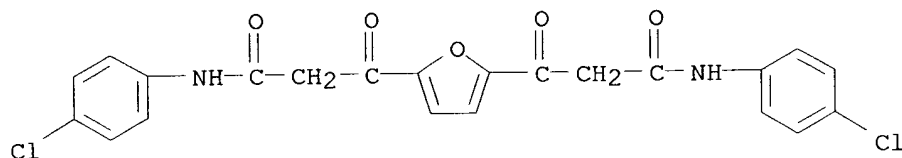
09/817,374

V. Balasubramanian

DN 53:102777
OREF 53:18493i,18494a-b
TI Researches on the substantivity of the acylacetarylides. III
AU Cordella, G.
CS Univ. Bologna, Italy
SO Boll. sci. fac. chim. ind., Bologna (1958), 16, 117-21
DT Journal
LA Unavailable
IT **102704-78-9**, 2,5-Furandipropionanilide, .beta.,.beta.'-dioxo-
103503-56-6, 2,5-Furandipropionanilide, 4',4''-dichloro-
.beta.,.beta.'-dioxo-
(substantivity of)
RN 102704-78-9 CAPLUS
CN 2,5-Furandipropionanilide, .beta.,.beta.'-dioxo- (6CI) (CA INDEX NAME)

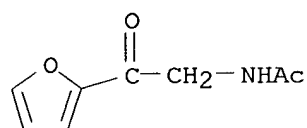


RN 103503-56-6 CAPLUS
CN 2,5-Furandipropionanilide, 4',4''-dichloro-.beta.,.beta.'-dioxo- (6CI)
(CA INDEX NAME)

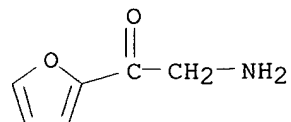


L5 ANSWER 394 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1959:99774 CAPLUS
DN 53:99774
OREF 53:17993d-i,17994a
TI Syntheses in the methyl 2-furyl ketone series. III. Aminomethyl 2-furyl
ketone and derivatives
AU Saldabols, N.; Hillers, S.
SO Latvijas PSR Zinatnu Akad. Vastis (1959), (No. 1), 77-85
DT Journal
LA Unavailable
IT **88352-96-9**, Acetamide, N-(2-furoylmethyl)- **98140-61-5**,
Ketone, aminomethyl 2-furyl
(and derivs.)
RN 88352-96-9 CAPLUS
CN Acetamide, N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

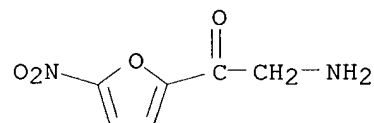
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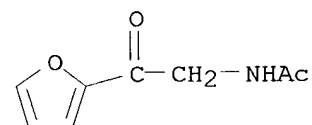
RN 98140-61-5 CAPLUS
CN Ketone, aminomethyl 2-furyl (6CI) (CA INDEX NAME)



IT 98197-92-3, Ketone, aminomethyl 5-nitro-2-furyl
(prepn. of)
RN 98197-92-3 CAPLUS
CN Ketone, aminomethyl 5-nitro-2-furyl (6CI) (CA INDEX NAME)



L5 ANSWER 395 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1959:83367 CAPLUS
DN 53:83367
OREF 53:15039b-i,15040a-d
TI Synthesis in the series of 2-acetylfuran
AU Saldabols, N.; Hillers, S.
SO Voprosy Ispol'zovan. Pentozansoderzhashchego Syr'ya, Trudy Vsesoyuz.
Soveshchaniya, Riga (1958), Volume Date 1955 379-91
DT Journal
LA Unavailable
IT 88352-96-9, Acetamide, N-(2-furoylmethyl)- 98140-61-5,
Ketone, aminomethyl 2-furyl
(and derivs.)
RN 88352-96-9 CAPLUS
CN Acetamide, N-[2-(2-furanyl)-2-oxoethyl]- (9CI) (CA INDEX NAME)

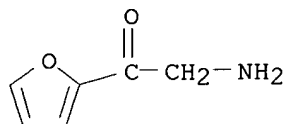


RN 98140-61-5 CAPLUS

09/817,374

V. Balasubramanian

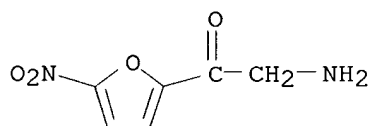
CN Ketone, aminomethyl 2-furyl (6CI) (CA INDEX NAME)



IT **98197-92-3**, Ketone, aminomethyl 5-nitro-2-furyl
(prepn. of)

RN 98197-92-3 CAPLUS

CN Ketone, aminomethyl 5-nitro-2-furyl (6CI) (CA INDEX NAME)



L5 ANSWER 396 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1959:9277 CAPLUS

DN 53:9277

OREF 53:1719d-i,1720a

TI Studies of furoyl azo dyes. VII. Derived from furoylacetarylides

AU Cerniani, A.

CS Univ. Bologna, Italy

SO Boll. sci. fac. chim. ind., Bologna (1957), 15, 72-4

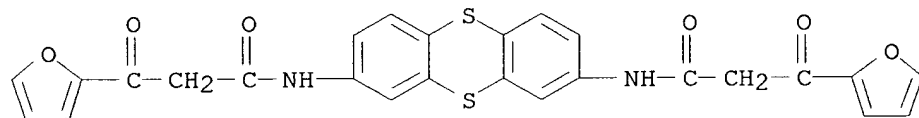
DT Journal

LA Unavailable

IT **122472-46-2**, 2-Furanpropionamide, N,N'-2,8-
thianthrenediylbis[.beta.-oxo-
(prepn. of)]

RN 122472-46-2 CAPLUS

CN 2-Furanpropionamide, N,N'-2,8-thianthrenediylbis[.beta.-oxo- (6CI) (CA
INDEX NAME)



L5 ANSWER 397 OF 409 CAPLUS COPYRIGHT 2003 ACS

AN 1959:9276 CAPLUS

DN 53:9276

OREF 53:1718g-i,1719a-d

TI Studies of furoyl azo dyes. VI. Derived from thianthrene

AU Cerniani, A.

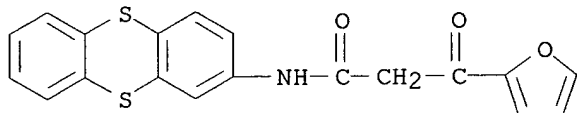
CS Univ. Bologna, Italy

SO Boll. sci. fac. chim. ind., Bologna (1957), 15, 69-71

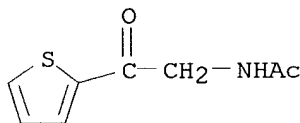
DT Journal

V. Balasubramanian

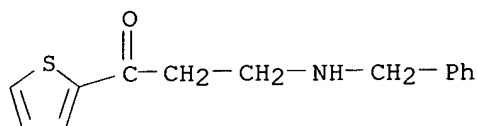
LA Unavailable
IT **109599-49-7**, 2-Furanpropionamide, .beta.-oxo-N-2-thianthrenyl-
(prepn. of)
RN 109599-49-7 CAPLUS
CN 2-Furanpropionamide, .beta.-oxo-N-2-thianthrenyl- (6CI) (CA INDEX NAME)



L5 ANSWER 398 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1959:2023 CAPLUS
DN 53:2023
OREF 53:330f-h
TI Condensation of formaldehyde with 2-acetamidoacetylthiophene and .omega.-acetamidoacetophenone
AU Dann, Otto; Gotz, Benedickt
SO Z. Naturforsch. (1957), 12b, 191-4
DT Journal
LA Unavailable
IT **6660-07-7**, Acetamide, N-2-thenoylmethyl-
(condensation with HCHO)
RN 6660-07-7 CAPLUS
CN Acetamide, N-(2-thenoylmethyl)- (6CI, 7CI, 8CI) (CA INDEX NAME)

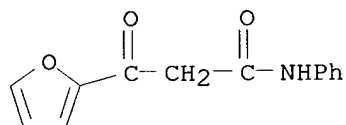


L5 ANSWER 399 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1958:61218 CAPLUS
DN 52:61218
OREF 52:11067a-i
TI Ketonic Mannich bases and the products of their reduction and bromination
AU Nobles, Lewis W.; Burckhalter, J. H.
CS Univ. of Kansas, Lawrence
SO J. Am. Pharm. Assoc., Sci. Ed. (1958), 67, 77-81
DT Journal
LA Unavailable
IT **108245-96-1**, 1-Propanone, 3-benzylamino-1-(2-thienyl)-,
hydrochloride
(prepn. of)
RN 108245-96-1 CAPLUS
CN 1-Propanone, 3-benzylamino-1-(2-thienyl)-, hydrochloride (6CI) (CA INDEX NAME)



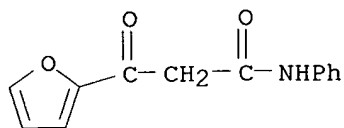
● HCl

L5 ANSWER 400 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1958:55865 CAPLUS
DN 52:55865
OREF 52:10057i,10058a-c
TI Monoazo substances from furoylacetanilides and .beta.-naphthothiazole
AU Farina, E.; Marziano, N.
CS Univ. Sassari, Italy
SO Boll. sedute accad. Gioenia sci. nat. Catania [4] (1957), 3, 460-5
DT Journal
LA Unavailable
IT **23059-04-3**, 2-Furanpropionanilide, .beta.-oxo-
(derivs., reaction with naphtho[1,2-d]thiazole)
RN 23059-04-3 CAPLUS
CN 2-Furanpropionanilide, .beta.-oxo- (6CI, 8CI) (CA INDEX NAME)

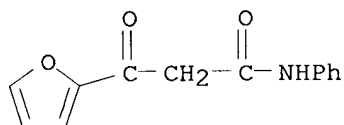


L5 ANSWER 401 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1958:55864 CAPLUS
DN 52:55864
OREF 52:10057d-i
TI Thiazoles. XXXV. A new synthesis of thiazole-2-aldehydes
AU Beyer, Hans; Hess, Ulrich; Liebenow, Walter
CS Univ. Greifswald, Germany
SO Chem. Ber. (1957), 90, 2372-8
DT Journal
LA Unavailable
IT **23059-04-3**, 2-Furanpropionanilide, .beta.-oxo-
(derivs., reaction with naphtho[1,2-d]thiazole)
RN 23059-04-3 CAPLUS
CN 2-Furanpropionanilide, .beta.-oxo- (6CI, 8CI) (CA INDEX NAME)

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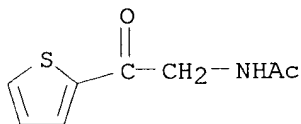


L5 ANSWER 402 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1958:55844 CAPLUS
DN 52:55844
OREF 52:10048d-g
TI New monoazo compounds from furoyl acetarylides. II
AU Cerniani, Ado
CS Univ. Bologna, Italy
SO Ricerca Sci. (1956), 26, 2404-8
DT Journal
LA Unavailable
IT **23059-04-3**, 2-Furanpropionanilide, .beta.-oxo-
(azo derivs.)
RN 23059-04-3 CAPLUS
CN 2-Furanpropionanilide, .beta.-oxo- (6CI, 8CI) (CA INDEX NAME)

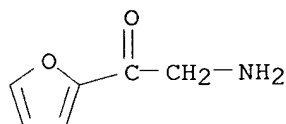


L5 ANSWER 403 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1958:50852 CAPLUS
DN 52:50852
OREF 52:9209b-e
TI Racemic threo-1-(5-nitro-2-thienyl)-2-dichloroacetyl-amino-1,3-propanediol
IN Gailliot, Paul; Baget, Jean
PA Societe des usines chimiques Rhone-Poulenc
DT Patent
LA Unavailable
FAN.CNT 1

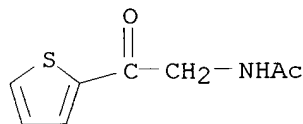
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 1040563		19531016	FR	
IT	6660-07-7 , Acetamide, N-2-thenoylmethyl- (prepn. of)				
RN	6660-07-7	CAPLUS			
CN	Acetamide, N-(2-thenoylmethyl)-		(6CI, 7CI, 8CI)		(CA INDEX NAME)



L5 ANSWER 404 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1958:26716 CAPLUS
DN 52:26716
OREF 52:4849h-i,4850a-b
TI Pharmacological investigation of some new furan derivatives. I.
Pharmacological characteristics of tertiary and quaternary aminomethyl
2-furyl ketones and dialkylsulfoniummethyl 2-furyl ketones
AU Ratenbergs, N.
CS Inst. Exptl. Med., Acad. Sci. Latvian S.S.R., Riga
SO Latvijas P S R Zinatnu Akad. Vestis (1957), (No. 8), 117-26
DT Journal
LA Russian
IT **98140-61-5**, Ketone, aminomethyl 2-furyl
(pharmacology of)
RN 98140-61-5 CAPLUS
CN Ketone, aminomethyl 2-furyl (6CI) (CA INDEX NAME)



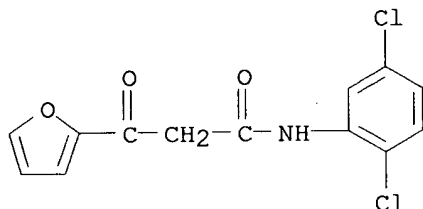
L5 ANSWER 405 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1958:15724 CAPLUS
DN 52:15724
OREF 52:2826f-i,2827a-h
TI Condensation of phenolic ethers with aliphatic aldehydes. VII.
Condensation of methylenecatechol with formaldehyde and acetaldehyde
AU Garofano, Torquato; Oliverio, Aleardo
CS Univ. Palermo, Italy
SO Ann. chim. (Rome) (1957), 47, 896-911
DT Journal
LA Unavailable
IT **6660-07-7**, Acetamide, N-2-thenoylmethyl-
(condensation with HCHO)
RN 6660-07-7 CAPLUS
CN Acetamide, N-(2-thenoylmethyl)- (6CI, 7CI, 8CI) (CA INDEX NAME)



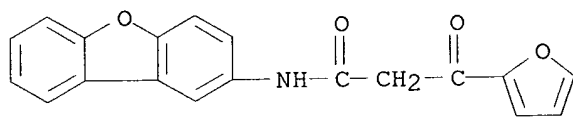
L5 ANSWER 406 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1957:88091 CAPLUS
DN 51:88091
OREF 51:15951h-i,15952h-i,15953a-b
TI Monoazo dyes from furoylacetarilides and dibenzofuran. III

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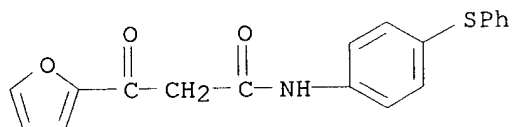
AU Cerniani, Ado; Cordella, Giovanni
CS Univ. Bologna, Italy
SO Ricerca sci. (1956), 26, 2721-5
DT Journal
LA English
IT **96460-14-9**, 2-Furanpropionanilide, 2',5'-dichloro-.beta.-oxo-
110571-47-6, 2-Furanpropionamide, N-3-dibenzofuranyl-.beta.-oxo-
(prepn. of)
RN 96460-14-9 CAPLUS
CN 2-Furanpropionanilide, 2',5'-dichloro-.beta.-oxo- (6CI) (CA INDEX NAME)



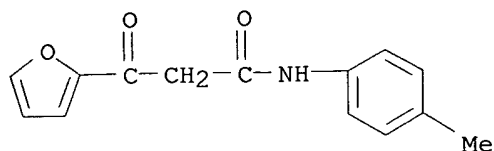
RN 110571-47-6 CAPLUS
CN 2-Furanpropionamide, N-3-dibenzofuranyl-.beta.-oxo- (6CI) (CA INDEX NAME)



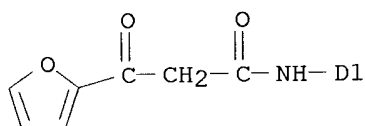
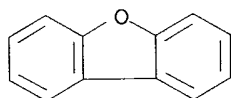
L5 ANSWER 407 OF 409 CAPLUS COPYRIGHT 2003 ACS
AN 1957:83727 CAPLUS
DN 51:83727
OREF 51:15133e-h
TI Furoyl developed azo dyes
AU Cerniani, V. Ado; Cordella, Giovanni
CS Univ. Bologna, Italy
SO Ricerca sci. (1956), 26, 3352-6
DT Journal
LA Unavailable
IT **101895-46-9**, 2-Furanpropionanilide, .beta.-oxo-4'-(phenylthio)-
109312-85-8, 2-Furanpropiono-p-toluidide, .beta.-oxo-
(prepn. of)
RN 101895-46-9 CAPLUS
CN 2-Furanpropionanilide, .beta.-oxo-4'-(phenylthio)- (6CI) (CA INDEX NAME)



RN 109312-85-8 CAPLUS
CN 2-Furanpropiono-p-toluidide, .beta.-oxo- (6CI) (CA INDEX NAME)



L5 ANSWER 408 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1957:45336 CAPLUS
 DN 51:45336
 OREF 51:8439d-f
 TI Color reactions of the vat dyes, mainly of polycondensed systems and their derivatives in sulfuric acid. I. The basicity of the carbonyl group of polycondensed aromatic quinones in sulfuric acid
 AU Handa, Takashi; Kobayashi, Michio
 CS Tokyo Univ.
 SO Yuki Gosei Kagaku Kyokai Shi (1955), 13, 580-90
 DT Journal
 LA Unavailable
 IT **111006-81-6**, 2-Furanpropionamide, N-dibenzofuranyl-.beta.-oxo- (azo dyes from)
 RN 111006-81-6 CAPLUS
 CN 2-Furanpropionamide, N-dibenzofuranyl-.beta.-oxo- (6CI) (CA INDEX NAME)



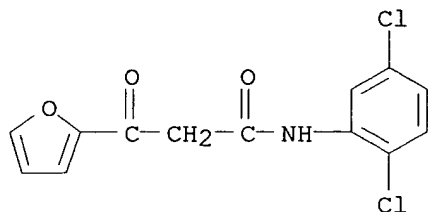
L5 ANSWER 409 OF 409 CAPLUS COPYRIGHT 2003 ACS
 AN 1957:45335 CAPLUS
 DN 51:45335
 OREF 51:8439b-d
 TI Preparation of monoazo dyes from furoylacetarylides and dibenzothiophene or dibenzothiophene sulfone
 AU Cerniani, Ado
 CS Univ. Bologna, Italy
 SO Ricerca sci. (1956), 26, 3089-92
 DT Journal
 LA Unavailable
 IT **96460-14-9**, 2-Furanpropionanilide, 2',5'-dichloro-.beta.-oxo-
100537-65-3, 2-Furanpropionamide, N-2-benzothiazolyl-.beta.-oxo-
107419-51-2, 2-Furanpropionamide, N-2-naphthyl-.beta.-oxo-
109312-85-8, 2-Furanpropiono-p-toluidide, .beta.-oxo-

V. Balasubramanian

111006-81-6, 2-Furanpropionamide, N-dibenzofuranyl-.beta.-oxo-
(azo dyes from)

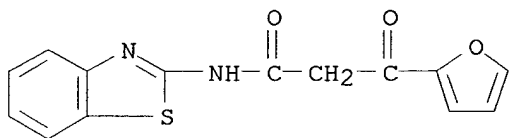
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CN 2-Furanpropionanilide, 2',5'-dichloro-.beta.-oxo- (6CI) (CA INDEX NAME)



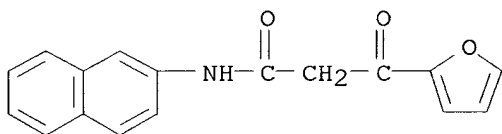
RN 100537-65-3 CAPLUS

CN 2-Furanpropionamide, N-2-benzothiazolyl-.beta.-oxo- (6CI) (CA INDEX NAME)



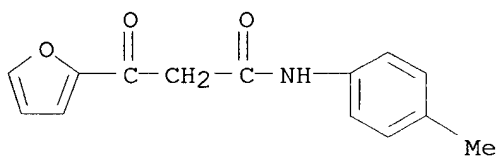
RN 107419-51-2 CAPLUS

CN 2-Furanpropionamide, N-2-naphthyl-.beta.-oxo- (6CI) (CA INDEX NAME)



RN 109312-85-8 CAPLUS

CN 2-Furanpropiono-p-toluidide, .beta.-oxo- (6CI) (CA INDEX NAME)



RN 111006-81-6 CAPLUS

CN 2-Furanpropionamide, N-dibenzofuranyl-.beta.-oxo- (6CI) (CA INDEX NAME)